

DÉPENSES ET MAIN-D'ŒUVRE
SCIENTIFIQUES FÉDÉRALES

1980-81

AVRIL 1980



Ministère d'État

Sciences et Technologie
Canada



AI
520
E27Z
980/81

Dépenses et main-d'œuvre scientifiques fédérales,
1980/81

(Rapport — Ministère d'État Sciences et Technologie;
ISSN 0701-8142)

Texte en français

1. Aide fédérale à la recherche—Canada—Statistique.
2. Recherche—Canada—Finances—Statistiques. I. Canada
Ministère d'État chargé des Sciences et de la Technologie.

Q180.C3G88

507.2071



TABLE DES MATIÈRES

			PAGE		
REMERCIEMENTS.....			4		
INTRODUCTION.....			5		
TABLES					
	<u>Tabulation</u>	<u>Classificaton</u>	<u>N&H</u>	<u>N</u>	<u>H</u>
S&T	Total	par ministère	12	-	-
	Total	par exécutant	14	46	78
	Activités éléments	par exécutant	15	47	79
	Activités scientifiques	par ministère	16	48	80
	Secteurs d'exécution	par ministère	18	50	82
	Intra-muros	par ministère	20	52	84
	Industrie	par ministère	22	54	86
	Université	par ministère	23	55	87
	Institutions sans but lucratif	par ministère	24	56	88
	Administrations provinciales	par ministère	25	57	89
	Etranger	par ministère	26	58	90
	Autre	par ministère	27	59	91
R&D	Total	par exécutant	28	60	92
RSA	Total	par exécutant	29	61	93
R&D	Secteurs d'exécution	par ministère	30	62	94
	Industrie, genre de dépenses	par ministère	32	64	96
	Université plus Institutions sans but lucratif	par ministère	34	66	98
ASC	Secteurs d'exécution	par ministère	36	68	100
A-P	Catégorie d'exploitation	par ministère	38	70	102
	Activités scientifiques	par catégorie	44	76	108
ANNEXE.....					109

REMERCIEMENT

Le présent rapport donne un instantané des statistiques scientifiques, dans le contexte de la préparation du budget qui s'est récemment terminée par la présentation du Budget principal des dépenses de 1980/1981.

Beaucoup de gens de nombreux ministères et organismes ont contribué à la préparation de ce rapport. Nous tenons à remercier tout spécialement les membres du Comité interministériel des dépenses scientifiques pour avoir aidé à dégager les données touchant les dépenses scientifiques passées et futures sur lesquelles le présent rapport est fondé. Grâce au concours du Secrétariat du Conseil du Trésor, ces statistiques ont été tirées du processus budgétaire avec l'apport du programme des statistiques scientifiques du gouvernement fédéral de Statistique Canada et du MEST annexé au Budget principal des dépenses et aux Prévisions des programmes.

Le Centre de la statistique des sciences, bureau satellite de Statistique Canada situé dans les locaux du MEST, a travaillé en collaboration très étroite avec le personnel du MEST et a établi des liens de communication avec d'autres ministères, afin de s'assurer que les données obtenues de cette façon soient exactes, uniformes et, évidemment, fournies à temps.

Enfin, une reconnaissance toute particulière doit être accordée à la Division de recherche et d'information du MEST dont les efforts de programmation ont contribué particulièrement à l'apparence attrayante et pratique de l'ensemble des tableaux reproduits dans ce rapport.

INTRODUCTION

Le présent rapport renferme des tableaux qui font état des débours et effectifs du gouvernement fédéral en matière de sciences humaines et naturelles. Il se veut un document complémentaire à la publication intitulée Activités scientifiques fédérales 1979/1980. Élaboré à l'intention de personnes qui connaissent déjà la nature des activités scientifiques gouvernementales, il ne présente donc que peu de texte d'explication.

Le rapport comprend trois parties principales et une annexe. Ces trois parties traitent tour à tour des données en matière de sciences humaines et naturelles combinées, des données en matière de sciences naturelles et des données en matière de sciences humaines. L'annexe donne la définition des expressions et les limites de l'étude. Les lecteurs sont priés de consulter cette annexe avant de tirer des conclusions d'après les données.

Les données utilisées dans cette publication sont puisées dans l'enquête portant sur les dépenses et les effectifs employés en sciences naturelles et humaines du Budget principal des dépenses de 1980/1981. Les dépenses à chacune des années financières 1978/1979, 1979/1980 et 1980/1981 sont donc respectivement des données réelles, des prévus et des prévisions.

Les catégories de main-d'oeuvre sont évaluées d'après le nombre d'emplois à temps plein, c'est-à-dire le nombre d'années-personnes réellement consacrées aux activités scientifiques par tous les employés qui travaillent à de telles activités. Les totaux comprennent le nombre d'employés permanents, temporaires, occasionnels et saisonniers. Les données pour 1978/1979 sont des chiffres réels. Celles pour 1979/1980 fournissent le nombre réel d'employés permanents qui ont travaillé jusqu'au 30 septembre 1979 et un prévu des totaux autorisés jusqu'au 31 mars 1980. Les données pour 1980/1981 sont des prévisions.

Veillez noter que les coûts "non liés aux programmes" sont exclus. Vous consulterez l'annexe afin d'avoir l'explication de cette exclusion. Vous pouvez obtenir des données qui renferment les coûts "non liés aux programmes" dans les publications de Statistique Canada intitulées La Revue annuelle des statistiques en science (no de catalogue 13-212) et dans divers exemplaires du Bulletin de service (no de catalogue 13-003).

Vous pouvez obtenir sur demande des relevés détaillés ou différents à partir de ces tableaux en vous adressant auprès de la Division des services de recherches et d'information.

Les ministères, les organismes, et les programmes figurent aux tableaux suivant l'ordre utilisé dans le Budget principal des dépenses de 1979/1980. Toutes les agences sont placées sous l'égide des ministres, et se rapportent au Parlement, par l'entremise de ces derniers. Par exemple, Statistique Canada se trouve sous l'égide du ministère du Conseil de Trésor. Les dépenses par programme sont décrites aux endroits appropriés et additionnées pour donner un sommaire ministériel mais les agences non ministérielles ne sont pas comprises dans ces totaux. Par exemple, le montant situé vis-à-vis de "AGR" représente la somme correspondante des montants opposés aux cinq programmes qui débutent par "AGR-" (AGR-ADM, AGR-RES etc), tandis que les dépenses sous "OCP" ne sont pas incluses dans le total de "AGR".

Les abréviations utilisées se trouvent ci-après.

AGRICULTURE

AGR	Ministère
AGR-ADM	Administration
AGR-RES	Recherches
AGR-PCA	Production et inspection agro-alimentaires
AGR-CCG	Commission canadienne des grains
OCP	Office canadien des provendes

COMMUNICATIONS

COMM	Ministère
CRTC	Conseil de la radiodiffusion et des télécommunications canadiennes

CONSOMMATION ET CORPORATIONS

CC	Ministère
CC-ADM	Administration
CC-CON	Consommation
CC-COR	Corporations
CC-EC	Enquêtes sur les coalitions
CC-PI	Propriété intellectuelle

EMPLOI ET IMMIGRATION

EI	Ministère
EI-ADM	Administration
CEIC	Commission de l'emploi et de l'immigration du Canada
CEIC-EA	Emploi et assurance

ÉNERGIE, MINES ET RESSOURCES

EMR	Ministère
EMR-ENER	Énergie
EMR-MIN	Minéraux
EMR-SG	Services géoscientifiques
CCEA	Commission de contrôle de l'énergie atomique
EACL	Énergie atomique du Canada Limitée
ONE	Office national de l'énergie

ENVIRONNEMENT

ENV	Ministère
ENV-ADM	Administration
ENV-SE	Services de l'environnement
ENV-SPE	Protection de l'environnement
ENV-SEA	Environnement atmosphérique
ENV-SGE	Gestion de l'environnement
ENV-SCF	Service Canadien des forêts
ENV-PC	Parcs Canada

AFFAIRES EXTERIEURES

AE	Ministère
AE-ICE	Intérêts du Canada à l'étranger
ACDI	Agence canadienne de développement international
CRDI	Centre de recherches pour le développement international

FINANCES	
FIN	Ministère
FIN-PFE	Politiques financières et économiques
PÊCHES ET OCÉANS	
P&O	Ministère
P&O-SPM	Service des Pêches et de la Mer
AFFAIRES INDIENNES ET NORD CANADIEN	
AINC	Ministère
AINC-AII	Affaires indiennes et inuit
AINC-AN	Affaires du Nord
AINC-PC	Parcs Canada
INDUSTRIE ET COMMERCE	
IC	Ministère
IC-CI	Commercial et industriel
IC-TOUR	Tourisme
IC-CGO	Céréales et graines oléagineuses
JUSTICE	
JUST	Ministère
JUST-ADM	Administration
CRD	Commission de réforme du droit du Canada
TRAVAIL	
TRAV	Ministère
DÉFENSE NATIONALE	
DEFN	Ministère
DEFN-SER	Services de défense
SANTÉ NATIONALE ET BIEN-ÊTRE SOCIAL	
SNBS	Ministère
SNBS-ADM	Administration
SNBS-SSSS	Soins de santé et services sociaux
SNBS-SM	Services médicaux
SNBS-PS	Protection de la santé
SNBS-SR	Sécurité de revenu
CRM	Conseil des recherches médicales
REVENU NATIONAL	
REVN	Ministère
REV-IMP	Impôt
POSTES	
PO	Ministère
CONSEIL PRIVÉ	
CP	Conseil privé
COL	Commissaire aux langues officielles
CEC	Conseil économique du Canada

TRAVAUX PUBLICS

TP Ministère
TP-SPT Services professionnels et techniques
SCHL Société canadienne d'hypothèques
et de logement
CCN Commission de la capitale nationale

EXPANSION ÉCONOMIQUE RÉGIONALE

EER Ministère

SCIENCE ET TECHNOLOGIE

ST Ministère d'Etat
CNRC Conseil national de recherches du Canada
CNRC-RSI Recherches scientifiques et
industrielles
CNRC-IST Information scientifique et technique
CRSNG Conseil de recherches en sciences
naturelles et en génie
CSC Conseil des sciences du Canada

SECRETARIAT D'ÉTAT

SECE Ministère
SECE-LO Langues officielles
SECE-AC Arts et culture
SECE-AE Aide à l'éducation
SECE-TRA Traduction
SECE-CIT Citoyenneté
SECE-SAA Santé et sport amateur
SRC Société Radio-Canada
ONF Office national du film
BIBN Bibliothèque nationale
MUSN Musées nationaux du Canada
AP Archives publiques
CFP Commission de la fonction publique
CRSH Conseil de recherches en sciences
humaines

SOLLICITEUR GÉNÉRAL

SGEN Ministère
SGEN-ADM Administration
GRC Gendarmerie Royale du Canada

APPROVISIONNEMENTS ET SERVICES

AS Ministère
AS-APP Approvisionnement
ACL Arsenaux canadiens, Limitée

TRANSPORTS

TPT Ministère
TPT-ADM Administration
TPT-EAU Transports par eau
TPT-AER Transports aériens
TPT-SUR Transports de surface
CTC Commission canadienne des transports
CPN Conseil des ports nationaux
AVMS Administration de la voie maritime du
Saint-Laurent

CONSEIL DU TRÉSOR

CT

CT-ADM

STCAN

Ministère

Administration

Ministère

1

Sciences naturelles et humaines

DEPENSES FEDERALES EN ACTIVITES SCIENTIFIQUES

PAR MINISTERE OU ORGANISME

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	NATURELLES	HUMAINES	TOTAL	NATURELLES	HUMAINES	TOTAL	NATURELLES	HUMAINES	TOTAL
AGRICULTURE									
AGR	124,107	3,133	127,240	138,658	3,336	141,994	151,878	3,826	155,704
AGR-ADM	2,413	3,133	5,546	2,424	3,336	5,760	2,757	3,826	6,583
AGR-RES	113,872	---	113,872	128,391	---	128,391	140,441	---	140,441
AGR-PCA	---	---	---	---	---	---	---	---	---
AGR-PIA	4,866	---	4,866	4,661	---	4,661	5,176	---	5,176
AGR-CCG	2,956	---	2,956	3,182	---	3,182	3,504	---	3,504
OCP	---	126	126	---	150	150	---	155	155
COMMUNICATIONS									
COMM	55,862	6,020	61,882	58,776	6,261	65,037	60,789	5,479	66,268
CRTC	---	540	540	---	657	657	---	776	776
CONSUMMATION ET CORPORATIONS									
CC	9,544	2,801	12,345	9,897	2,983	12,880	10,414	3,029	13,443
CC-ADM	---	334	334	---	725	725	---	561	561
CC-CON	1,399	1,203	2,602	1,390	1,219	2,609	1,634	1,439	3,073
CC-COR	---	442	442	---	332	332	---	272	272
CC-EC	---	822	822	---	707	707	---	757	757
CC-PI	8,145	---	8,145	8,507	---	8,507	8,780	---	8,780
EMPLOI ET IMMIGRATION									
EI	---	10,003	10,003	---	10,190	10,190	---	9,759	9,759
EI-ADM	---	10,003	10,003	---	10,190	10,190	---	9,759	9,759
CEIC	---	3,865	3,865	---	5,800	5,800	---	6,184	6,184
CEIC-EA	---	3,865	3,865	---	5,800	5,800	---	6,184	6,184
ENERGIE, MINES ET RESSOURCES									
EMR	116,066	8,472	124,538	133,621	10,100	143,721	156,758	11,026	167,784
EMR-ENER	32,559	1,744	34,303	54,159	3,277	57,436	66,393	4,374	70,767
EMR-MIN	13,024	6,728	19,752	12,967	6,823	19,790	14,967	6,652	21,619
EMR-SG	70,483	---	70,483	66,495	---	66,495	75,398	---	75,398
CEEA	847	---	847	863	---	863	945	---	945
EACL	91,988	---	91,988	91,265	---	91,265	96,452	---	96,452
NEB	1,215	405	1,620	1,348	449	1,797	1,588	529	2,117
ENVIRONNEMENT									
ENV	193,915	12,498	206,413	201,747	13,661	215,408	215,194	14,649	229,843
ENV-ADM	1,435	228	1,663	1,239	192	1,431	1,537	261	1,798
ENV-SE	191,993	3,981	195,974	199,967	4,345	204,312	213,056	4,345	217,401
ENV-SPE	9,034	---	9,034	7,912	---	7,912	8,134	---	8,134
ENV-SEA	97,555	---	97,555	100,460	---	100,460	114,500	---	114,500
ENV-SGE	55,564	3,981	59,545	57,618	4,345	61,963	56,665	4,345	61,010
ENV-FOR	29,840	---	29,840	33,977	---	33,977	33,757	---	33,757
ENV-PC	487	8,289	8,776	541	9,124	9,665	601	10,043	10,644
AFFAIRES EXTERIEURES									
AE	---	4,821	4,821	---	5,220	5,220	---	5,271	5,271
AE-ICE	---	4,821	4,821	---	5,220	5,220	---	5,271	5,271
ACDI	30,509	5,137	35,646	32,528	5,286	37,814	34,035	4,656	38,691
CRDI	19,384	17,353	36,737	18,556	17,168	35,724	20,172	19,805	39,977
FINANCES									
FIN	---	7,528	7,528	---	8,493	8,493	---	9,087	9,087
FIN-PFE	---	7,528	7,528	---	8,493	8,493	---	9,087	9,087
PECHES ET OCEANS									
P&O	119,369	3,146	122,515	109,315	3,350	112,665	112,903	3,500	116,403
P&O-GPR	119,369	3,146	122,515	109,315	3,350	112,665	112,903	3,500	116,403
AFFAIRES INDIENNES ET NORD CANADIEN									
AINC	2,326	3,791	6,117	2,457	3,909	6,366	2,491	4,348	6,839
AINC-AII	---	1,688	1,688	---	1,688	1,688	---	1,705	1,705
AINC-AN	2,326	2,103	4,429	2,457	2,221	4,678	2,491	2,643	5,134
INDUSTRIE ET COMMERCE									
IC	59,818	1,578	61,396	72,812	1,954	74,766	101,757	3,037	104,794
IC-CI	57,921	1,269	59,190	71,030	1,609	72,639	100,387	2,692	103,079
IC-TOUR	---	309	309	---	345	345	---	345	345
IC-CGO	1,897	---	1,897	1,782	---	1,782	1,370	---	1,370
JUSTICE									
JUST	---	2,574	2,574	---	4,752	4,752	---	4,960	4,960
JUST-ADM	---	2,574	2,574	---	3,423	3,423	---	3,860	3,860
JUST-CIUC	---	---	---	---	1,329	1,329	---	1,100	1,100
CRD	---	2,345	2,345	---	2,369	2,369	---	2,757	2,757
TRAVAIL									
TRAV	---	3,330	3,330	---	3,225	3,225	---	3,813	3,813
DEFENSE NATIONALE									
DEFN	81,560	1,706	83,266	91,729	1,693	93,422	102,103	1,848	103,951
DEFN-SER	81,560	1,706	83,266	91,729	1,693	93,422	102,103	1,848	103,951

DEPENSES FEDERALES EN ACTIVITES SCIENTIFIQUES

PAR MINISTERE OU ORGANISME

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	NATURELLES	HUMAINES	TOTAL	NATURELLES	HUMAINES	TOTAL	NATURELLES	HUMAINES	TOTAL
SANTÉ NATIONALE ET BIEN-ÊTRE SOCIAL									
SNBS	36,824	21,334	58,158	32,430	15,975	48,405	35,982	18,061	54,043
SNBS-ADM	---	6,715	6,715	---	5,287	5,287	---	6,440	6,440
SNBS-SSSS	12,304	13,723	26,027	8,098	9,775	17,873	10,040	10,606	20,646
SNBS-SM	125	---	125	135	---	135	142	---	142
SNBS-PS	24,395	368	24,763	24,197	426	24,623	25,800	484	26,284
SNBS-SAA	---	528	528	---	487	487	---	531	531
CRM	64,216	---	64,216	70,115	---	70,115	80,031	---	80,031
REVENU NATIONAL									
REVN	---	4,262	4,262	---	4,309	4,309	---	4,863	4,863
REVN-IMP	---	4,262	4,262	---	4,309	4,309	---	4,863	4,863
POSTES									
PO	---	633	633	---	520	520	---	980	980
CONSEIL PRIVÉ									
CP	---	4,350	4,350	---	1,802	1,802	---	549	549
CLO	---	590	590	---	875	875	---	975	975
CEC	---	8,196	8,196	---	9,563	9,563	---	8,198	8,198
TRAVAUX PUBLICS									
TP	4,121	---	4,121	5,032	---	5,032	7,096	---	7,096
TP-SPT	4,121	---	4,121	5,032	---	5,032	7,096	---	7,096
CMHC	2,199	6,342	8,541	3,013	7,977	10,990	4,744	9,625	14,369
CCN	---	955	955	---	1,133	1,133	---	1,091	1,091
EXPANSION ECONOMIQUE REGIONALE									
EER	1,781	1,317	3,098	1,669	1,737	3,406	472	2,087	2,559
SCIENCES ET TECHNOLOGIE									
ST	---	5,775	5,775	---	6,115	6,115	---	7,038	7,038
CNRC	197,155	---	197,155	211,244	---	211,244	227,655	---	227,655
CNRC-RSI	182,731	---	182,731	197,499	---	197,499	211,594	---	211,594
CNRC-IST	14,424	---	14,424	13,745	---	13,745	16,061	---	16,061
CRSNG	111,875	---	111,875	121,076	---	121,076	162,972	---	162,972
CSC	---	2,310	2,310	---	2,441	2,441	---	2,686	2,686
SECRETARIAT D'ETAT									
SECE	---	7,997	7,997	---	9,400	9,400	---	7,698	7,698
SECE-LO	---	778	778	---	704	704	---	729	729
SECE-AC	---	622	622	---	582	582	---	597	597
SECE-AE	---	304	304	---	200	200	---	220	220
SECE-TRA	---	4,357	4,357	---	4,849	4,849	---	5,225	5,225
SECE-CIT	---	1,936	1,936	---	3,065	3,065	---	927	927
SECE-PAS	---	---	---	---	---	---	---	---	---
SRC	---	3,114	3,114	---	3,320	3,320	---	3,466	3,466
ONF	476	---	476	488	---	488	615	---	615
BIBN	---	13,075	13,075	---	14,735	14,735	---	17,178	17,178
MUSN	19,054	36,014	55,068	18,365	32,880	51,245	18,874	33,587	52,461
AP	---	8,347	8,347	---	8,833	8,833	---	9,900	9,900
CFP	---	104	104	---	212	212	---	---	---
CRSHC	---	34,602	34,602	---	36,642	36,642	---	42,641	42,641
SOLLICITEUR GENERAL									
SGEN	---	2,268	2,268	---	2,584	2,584	---	2,546	2,546
SGEN-ADM	---	2,268	2,268	---	2,584	2,584	---	2,546	2,546
GRC	---	---	---	---	---	---	---	---	---
APPROVISIONNEMENTS ET SERVICES									
AS	12,063	354	12,417	14,524	780	15,304	15,124	974	16,098
AS-APP	12,063	354	12,417	14,524	780	15,304	15,124	974	16,098
ACL	134	---	134	150	---	150	246	---	246
TRANSPORTS									
TPT	41,349	719	42,068	26,823	252	27,075	25,517	85	25,602
TPT-ADM	7,734	90	7,824	7,974	50	8,024	7,638	---	7,638
TPT-EAU	10,624	---	10,624	9,532	---	9,532	10,795	---	10,795
TPT-AER	10,917	---	10,917	5,743	25	5,768	6,610	15	6,625
TPT-SUR	12,074	629	12,703	3,574	177	3,751	474	70	544
CTC	---	3,637	3,637	---	2,718	2,718	---	2,718	2,718
CPN	---	---	---	---	---	---	---	---	---
CONSEIL DU TRESOR									
CT	---	10,514	10,514	---	11,739	11,739	---	11,786	11,786
CT-ADM	---	10,514	10,514	---	11,739	11,739	---	11,786	11,786
STCAN	---	133,289	133,289	---	127,743	127,743	---	139,915	139,915
TOTAL	1,397,757	411,270	1,809,027	1,468,501	415,291	1,883,792	1,646,807	447,141	2,093,948

** DEPENSES INTRA-MUROS NE COMPRENNENT PAS LES COÛTS AUTRES QUE LES PROGRAMMES

TABLEAU 2

SCIENCES NATURELLES ET HUMAINES

DEPENSES FEDERALES EN ACTIVITES SCIENTIFIQUES
PAR EXECUTANT, EN 1978-1981

(\$ MILLIERS)

EXECUTANT	1978-79		1979-80		1980-81	
	\$	%	\$	%	\$	%
INTRA-MUROS	1,188,346	(65.7)	1,200,785	(63.7)	1,316,259	(62.9)
INDUSTRIE	254,252	(14.1)	281,105	(14.9)	303,949	(14.5)
UNIVERSITES	244,925	(13.5)	258,898	(13.7)	322,387	(15.4)
INSTITUTIONS A BUT NON-LUC.	27,350	(1.5)	25,381	(1.3)	23,133	(1.1)
ADMIN. PROV. & MUN.	29,561	(1.6)	48,430	(2.6)	57,765	(2.8)
ETRANGERS	47,025	(2.6)	48,671	(2.6)	53,059	(2.5)
AUTRES CANADIENS	17,568	(1.0)	20,522	(1.1)	17,396	(0.8)
TOTAL	1,809,027	(100.0)	1,883,792	(100.0)	2,093,948	(100.0)

** DEPENSES INTRA-MUROS NE COMPRENNENT PAS LES COUTS AUTRES QUE LES PROGRAMMES

DEPENSES FEDERALES EN ACTIVITES SCIENTIFIQUES
TOTAL DES ELEMENTS

ANNEE FINANCIERE 1978-79

(\$ MILLIERS)

	INTERNES	L'INDUSTRIE CANADIENNE	UNIVERSITES CANADIENNES	INST. A BUT NON LUCRATIF	ADMIN. PROV. ET MUNIC.	EXECUTANTS ETRANGERS	AUTRES EXECUTANTS	TOTAL
R-D INTERNES	503.903	0	0	0	0	0	0	503.903
CONTRATS DE R-D	1.825	103.519	11.593	4.496	1.472	1.906	4.713	129.524
CONTRATS SECONDAIRES	35.583	0	0	0	0	0	0	35.583
SUBV. ET CONTR. DE R-D	0	81.595	196.876	15.071	16.105	33.513	881	344.041
BOURSES DE RECHERCHE	951	1.576	7.847	37	0	4.223	427	15.061
ADMIN. EXTRA-MUROS R-D	25.545	0	0	0	0	0	0	25.545
DEPENSES EN CAPITAL - R-D	57.808	0	0	0	0	0	0	57.808
SOUS-TOTAL R-D	625.615	186.690	216.316	19.604	17.577	39.642	6.021	1.111.465
COLLECTE DE DONNEES	296.184	23.849	2.129	1.029	4.452	28	3.258	330.849
SERVICES DE RENSEIGNEMENTS	98.735	1.377	1.979	3.860	2.616	2.029	1.884	112.480
ETUDES ECON. ET FAIS.	18.390	1.406	330	596	0	186	368	21.276
ETUDES OPER. ET POL.	43.179	4.387	1.103	459	2	129	423	49.682
ESSAI ET NORMALISATION	21.157	1.260	334	6	0	3	55	22.815
ETUDES DE FAISABILITE	1.957	34.071	935	48	0	131	27	37.169
AIDE A L'EDUCATION	807	0	21.039	546	0	4.813	1.588	28.793
MUSEES	37.195	1.212	760	1.202	4.914	64	3.944	49.291
ADMIN. EXTRA-MUROS ASC	18.458	0	0	0	0	0	0	18.458
DEPENSES EN CAPITAL - ASC	34.749	0	0	0	0	0	0	34.749
SOUS-TOTAL ASC	562.731	67.562	28.609	7.746	11.984	7.383	11.547	697.562
TOTAL	1.188.346	254.252	244.925	27.350	29.561	47.025	17.568	1.809.027

ANNEE FINANCIERE 1979-80

(\$ MILLIERS)

	INTERNES	L'INDUSTRIE CANADIENNE	UNIVERSITES CANADIENNES	INST. A BUT NON LUCRATIF	ADMIN. PROV. ET MUNIC.	EXECUTANTS ETRANGERS	AUTRES EXECUTANTS	TOTAL
R-D INTERNES	513.023	0	0	0	0	0	0	513.023
CONTRATS DE R-D	1.658	110.513	16.560	3.397	582	2.021	5.583	140.314
CONTRATS SECONDAIRES	19.831	0	0	0	0	0	0	19.831
SUBV. ET CONTR. DE R-D	0	109.154	204.868	14.026	34.160	34.456	1.026	397.690
BOURSES DE RECHERCHE	1.255	1.645	9.297	11	0	4.880	374	17.462
ADMIN. EXTRA-MUROS R-D	31.107	0	0	0	0	0	0	31.107
DEPENSES EN CAPITAL - R-D	68.098	0	0	0	0	0	0	68.098
SOUS-TOTAL R-D	634.972	221.312	230.725	17.434	34.742	41.357	6.983	1.187.525
COLLECTE DE DONNEES	292.298	12.994	2.189	1.032	6.642	19	2.774	317.948
SERVICES DE RENSEIGNEMENTS	104.708	1.498	2.193	3.989	2.327	2.115	1.994	118.824
ETUDES ECON. ET FAIS.	18.777	2.411	207	486	0	235	404	22.520
ETUDES OPER. ET POL.	49.116	3.042	419	588	26	0	703	53.894
ESSAI ET NORMALISATION	23.354	1.356	226	40	0	0	73	25.049
ETUDES DE FAISABILITE	2.047	37.342	523	40	46	180	17	40.195
AIDE A L'EDUCATION	685	0	21.686	624	0	4.702	3.842	31.539
MUSEES	36.928	1.150	730	1.148	4.647	63	3.732	48.398
ADMIN. EXTRA-MUROS ASC	9.541	0	0	0	0	0	0	9.541
DEPENSES EN CAPITAL - ASC	28.359	0	0	0	0	0	0	28.359
SOUS-TOTAL ASC	565.813	59.793	28.173	7.947	13.688	7.314	13.539	696.267
TOTAL	1.200.785	281.105	258.898	25.381	48.430	48.671	20.522	1.883.792

ANNEE FINANCIERE 1980-81

(\$ MILLIERS)

	INTERNES	L'INDUSTRIE CANADIENNE	UNIVERSITES CANADIENNES	INST. A BUT NON LUCRATIF	ADMIN. PROV. ET MUNIC.	EXECUTANTS ETRANGERS	AUTRES EXECUTANTS	TOTAL
R-D INTERNES	561.629	0	0	0	0	0	0	561.629
CONTRATS DE R-D	1.708	112.335	17.425	3.775	482	2.517	6.319	144.561
CONTRATS SECONDAIRES	24.812	0	0	0	0	0	0	24.812
SUBV. ET CONTR. DE R-D	0	128.789	255.910	10.838	45.692	36.808	635	478.672
BOURSES DE RECHERCHE	1.402	1.849	12.251	12	0	5.337	379	21.310
ADMIN. EXTRA-MUROS R-D	36.597	0	0	0	0	0	0	36.597
DEPENSES EN CAPITAL - R-D	77.536	0	0	0	0	0	0	77.536
SOUS-TOTAL R-D	703.764	242.973	285.586	14.625	46.174	44.662	7.333	1.345.117
COLLECTE DE DONNEES	315.214	14.743	2.249	1.016	5.866	19	2.354	340.661
SERVICES DE RENSEIGNEMENTS	115.969	1.766	2.828	4.371	1.666	2.219	2.149	138.968
ETUDES ECON. ET FAIS.	20.642	2.683	245	486	0	285	452	24.793
ETUDES OPER. ET POL.	52.521	3.349	442	670	42	0	735	57.759
ESSAI ET NORMALISATION	25.118	2.474	212	41	0	0	105	27.950
ETUDES DE FAISABILITE	2.128	34.768	405	46	0	194	7	37.548
AIDE A L'EDUCATION	744	0	29.657	683	0	5.615	726	37.425
MUSEES	38.189	1.193	763	1.195	4.817	65	3.535	49.757
ADMIN. EXTRA-MUROS ASC	11.220	0	0	0	0	0	0	11.220
DEPENSES EN CAPITAL - ASC	30.750	0	0	0	0	0	0	30.750
SOUS-TOTAL ASC	612.495	60.976	36.801	8.508	11.591	8.397	10.863	748.831
TOTAL	1.316.259	303.949	322.387	23.133	57.765	53.059	17.396	2.093.948

DEPENSES FEDERALES EN ACTIVITES SCIENTIFIQUES
PAR MINISTERE OU ORGANISME
(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	R-D	ASC	TOTAL	R-D	ASC	TOTAL	R-D	ASC	TOTAL
AGRICULTURE									
AGR	120,784	6,456	127,240	132,952	9,042	141,994	149,146	6,558	155,704
AGR-ADM	3,133	2,413	5,546	3,336	2,424	5,760	3,826	2,757	6,583
AGR-RES	111,388	2,484	113,872	123,456	4,935	128,391	138,497	1,944	140,441
AGR-PCA	---	---	---	---	---	---	---	---	---
AGR-PIA	4,866	---	4,866	4,661	---	4,661	5,176	---	5,176
AGR-CCG	1,397	1,559	2,956	1,499	1,683	3,182	1,647	1,857	3,504
OCF	109	17	126	133	17	150	138	17	155
COMMUNICATIONS									
COMM	58,058	3,824	61,882	60,655	4,382	65,037	61,471	4,797	66,268
CRTC	540	---	540	657	---	657	776	---	776
CONSOMMATION ET CORPORATIONS									
CC	2,046	10,299	12,345	1,932	10,948	12,880	2,066	11,377	13,443
CC-ADM	---	334	334	---	725	725	---	561	561
CC-CON	1,202	1,400	2,602	1,219	1,390	2,609	1,439	1,634	3,073
CC-COR	442	---	442	332	---	332	272	---	272
CC-EC	402	420	822	381	326	707	355	402	757
CC-PI	---	8,145	8,145	---	8,507	8,507	---	8,780	8,780
EMPLOI ET IMMIGRATION									
EI	1,184	8,819	10,003	1,536	8,654	10,190	1,448	8,311	9,759
EI-ADM	1,184	8,819	10,003	1,536	8,654	10,190	1,448	8,311	9,759
CEIC	---	3,865	3,865	---	5,800	5,800	---	6,184	6,184
CEIC-EA	---	3,865	3,865	---	5,800	5,800	---	6,184	6,184
ENERGIE, MINES ET RESSOURCES									
EMR	83,000	41,538	124,538	106,270	37,451	143,721	125,104	42,600	167,704
EMR-ENER	30,210	4,093	34,303	51,242	6,194	57,436	64,270	6,497	70,767
EMR-MIN	13,535	6,217	19,752	13,097	6,693	19,790	14,769	6,850	21,619
EMR-SG	39,255	31,228	70,483	41,931	24,564	66,495	46,065	29,333	75,398
CCEA	847	---	847	863	---	863	945	---	945
EACL	77,036	14,952	91,988	74,011	17,254	91,265	82,865	13,587	96,452
NEB	---	1,620	1,620	---	1,797	1,797	---	2,117	2,117
ENVIRONNEMENT									
ENV	64,243	142,170	206,413	66,462	148,946	215,408	67,520	162,315	229,843
ENV-ADM	432	1,231	1,663	379	1,052	1,431	399	1,399	1,798
ENV-SE	63,567	132,407	195,974	65,815	138,497	204,312	66,834	150,567	217,401
ENV-SPE	6,201	2,833	9,034	5,116	2,796	7,912	5,163	2,971	8,134
ENV-SEA	11,740	85,815	97,555	9,999	90,461	100,460	10,756	103,744	114,500
ENV-SGE	18,686	40,859	59,545	19,872	42,091	61,963	20,139	40,871	61,010
ENV-FOR	26,940	2,900	29,840	30,828	3,149	33,977	30,776	2,981	33,757
ENV-PC	244	8,532	8,776	268	9,397	9,665	295	10,349	10,644
AFFAIRES EXTERIEURES									
AE	---	4,821	4,821	---	5,220	5,220	---	5,271	5,271
AE-ICE	---	4,821	4,821	---	5,220	5,220	---	5,271	5,271
ACDI	10,391	25,255	35,646	11,001	26,813	37,814	9,972	28,719	38,691
CRDI	31,299	5,438	36,737	30,127	5,597	35,724	33,016	6,961	39,977
FINANCES									
FIN	---	7,528	7,528	---	8,493	8,493	---	9,087	9,087
FIN-PFE	---	7,528	7,528	---	8,493	8,493	---	9,087	9,087
PECHES ET OCEANS									
P&O	61,033	61,482	122,515	55,301	57,364	112,665	57,509	58,894	116,403
P&O-GPR	61,033	61,482	122,515	55,301	57,364	112,665	57,509	58,894	116,403
AFFAIRES INDIENNES ET NORD CANADIEN									
AINC	3,088	3,029	6,117	3,103	3,263	6,366	3,274	3,565	6,839
AINC-AII	260	1,428	1,688	260	1,428	1,688	267	1,438	1,705
AINC-AN	2,828	1,601	4,429	2,843	1,835	4,678	3,007	2,127	5,134
INDUSTRIE ET COMMERCE									
IC	60,046	1,350	61,396	73,262	1,504	74,766	103,334	1,460	104,794
IC-CI	57,902	1,288	59,190	71,233	1,406	72,639	101,717	1,362	103,079
IC-TOUR	247	62	309	247	98	345	247	98	345
IC-CGO	1,897	---	1,897	1,782	---	1,782	1,370	---	1,370
JUSTICE									
JUST	1,814	760	2,574	2,659	2,093	4,752	2,957	2,003	4,960
JUST-ADM	1,814	760	2,574	2,659	764	3,423	2,957	903	3,860
JUST-CIUC	---	---	---	---	1,329	1,329	---	1,100	1,100
CRD	1,619	726	2,345	1,663	706	2,369	1,756	1,001	2,757
TRAVAIL									
TRAV	530	2,800	3,330	468	2,757	3,225	603	3,210	3,813
DEFENSE NATIONALE									
DEFN	81,525	1,741	83,266	91,690	1,732	93,422	102,059	1,892	103,951
DEFN-SER	81,525	1,741	83,266	91,690	1,732	93,422	102,059	1,892	103,951

DEPENSES FEDERALES EN ACTIVITES SCIENTIFIQUES

PAR MINISTERE OU ORGANISME

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	R-D	ASC	TOTAL	R-D	ASC	TOTAL	R-D	ASC	TOTAL
SANTÉ NATIONALE ET BIEN-ÊTRE SOCIAL									
SNBS	33,590	24,568	58,158	25,977	22,428	48,405	29,463	24,580	54,043
SNBS-ADM	2,623	4,092	6,715	1,410	3,877	5,287	1,635	4,805	6,440
SNBS-SSSS	20,903	5,124	26,027	14,343	3,530	17,873	16,699	3,947	20,646
SNBS-SM	125	---	125	135	---	135	---	142	142
SNBS-PS	9,939	14,824	24,763	10,089	14,534	24,623	10,987	15,297	26,284
SNBS-SAA	---	528	528	---	487	487	---	531	531
CRM	62,255	1,961	64,216	67,861	2,254	70,115	77,582	2,449	80,031
REVENU NATIONAL									
REVN	1,726	2,536	4,262	1,394	2,915	4,309	1,457	3,406	4,863
REVN-IMP	1,726	2,536	4,262	1,394	2,915	4,309	1,457	3,406	4,863
POSTES									
PO	234	399	633	201	319	520	760	220	980
CONSEIL PRIVÉ									
CP	4,107	243	4,350	1,796	6	1,802	549	---	549
CLO	---	590	590	---	875	875	---	975	975
CEC	7,524	672	8,196	8,576	987	9,563	7,238	960	8,198
TRAVAUX PUBLICS									
TP	1,931	2,190	4,121	3,150	1,882	5,032	4,500	2,596	7,096
TP-SPT	1,931	2,190	4,121	3,150	1,882	5,032	4,500	2,596	7,096
CMHC	2,945	5,596	8,541	4,681	6,309	10,990	6,289	8,080	14,369
CCN	574	381	955	638	495	1,133	661	430	1,091
EXPANSION ECONOMIQUE REGIONALE									
EER	776	2,322	3,098	940	2,466	3,406	1,070	1,489	2,559
SCIENCES ET TECHNOLOGIE									
ST	---	5,775	5,775	---	6,115	6,115	---	7,038	7,038
CNRC	168,888	28,267	197,155	179,253	31,991	211,244	191,578	36,077	227,655
CNRC-RSI	168,888	13,843	182,731	179,253	18,246	197,499	191,578	20,016	211,594
CNRC-1ST	---	14,424	14,424	---	13,745	13,745	---	16,061	16,061
CRSNG	102,007	9,868	111,875	110,269	10,807	121,076	144,585	18,387	162,972
CSC	1,141	1,169	2,310	1,263	1,178	2,441	1,339	1,347	2,686
SECRETARIAT D'ETAT									
SECE	4,569	3,428	7,997	5,904	3,496	9,400	3,798	3,900	7,698
SECE-LO	523	255	778	480	224	704	480	249	729
SECE-AC	---	622	622	---	582	582	---	597	597
SECE-AE	---	304	304	---	200	200	---	220	220
SECE-TRA	2,554	1,803	4,357	2,660	2,189	4,849	2,854	2,371	5,225
SECE-CIT	1,492	444	1,936	2,764	301	3,065	464	463	927
SECE-FAS	---	---	---	---	---	---	---	---	---
SRC	---	3,114	3,114	---	3,320	3,320	---	3,466	3,466
ONF	289	187	476	284	204	488	362	253	615
BIBN	---	13,075	13,075	---	14,735	14,735	---	17,178	17,178
MUSN	4,653	50,415	55,068	4,638	46,607	51,245	4,835	47,626	52,461
AP	---	8,347	8,347	---	8,833	8,833	---	9,900	9,900
CFP	104	---	104	212	---	212	---	---	---
CRSHC	19,265	15,337	34,602	20,915	15,727	36,642	24,856	17,785	42,641
SOLLICITEUR GENERAL									
SGEN	1,436	832	2,268	1,799	785	2,584	1,752	794	2,546
SGEN-ADM	1,436	832	2,268	1,799	785	2,584	1,752	794	2,546
GRC	---	---	---	---	---	---	---	---	---
APPROVISIONNEMENTS ET SERVICES									
AS	11,431	986	12,417	13,358	1,946	15,304	14,010	2,088	16,098
AS-APP	11,431	986	12,417	13,358	1,946	15,304	14,010	2,088	16,098
ACL	115	19	134	132	18	150	205	41	246
TRANSPORTS									
TPT	16,454	25,614	42,068	13,954	13,121	27,075	16,298	9,304	25,602
TPT-ADM	6,936	888	7,824	6,958	1,066	8,024	6,624	1,014	7,638
TPT-EAU	5,174	5,450	10,624	3,518	6,014	9,532	5,363	5,432	10,795
TPT-AER	3,102	7,815	10,917	3,246	2,522	5,768	4,186	2,439	6,625
TPT-SUR	1,242	11,461	12,703	232	3,519	3,751	125	419	544
CTC	1,518	2,119	3,637	1,095	1,623	2,718	1,095	1,623	2,718
CPN	---	---	---	---	---	---	---	---	---
CONSEIL DU TRESOR									
CT	106	10,408	10,514	110	11,629	11,739	113	11,673	11,786
CT-ADM	106	10,408	10,514	110	11,629	11,739	113	11,673	11,786
STCAN	4,635	128,654	133,289	4,380	123,363	127,743	4,755	135,160	139,915
TOTAL	1,111,465	697,562	1,809,027	1,187,525	696,267	1,883,792	1,345,117	748,831	2,093,948

** DEPENSES INTRA-MURS NE COMPRENNENT PAS LES COÛTS AUTRES QUE LES PROGRAMMES

DEPENSES FEDERALES INTRA-MUROS ET EXTRA-MUROS EN ACTIVITES SCIENTIFIQUES

PAR MINISTERE OU ORGANISME

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	INTRA- MUROS	EXTRA- MUROS	TOTAL	INTRA- MUROS	EXTRA- MUROS	TOTAL	INTRA- MUROS	EXTRA- MUROS	TOTAL
AGRICULTURE									
AGR	121,686	5,554	127,240	132,333	9,661	141,994	147,135	8,569	155,704
AGR-ADM	5,457	89	5,546	5,618	142	5,760	6,352	231	6,583
AGR-RES	108,410	5,462	113,872	118,875	9,516	128,391	132,106	8,335	140,441
AGR-PCA	---	---	---	---	---	---	---	---	---
AGR-PIA	4,866	---	4,866	4,661	---	4,661	5,176	---	5,176
AGR-CCG	2,953	3	2,956	3,179	3	3,182	3,501	3	3,504
OCP	86	40	126	90	60	150	95	60	155
COMMUNICATIONS									
COMM	51,798	10,084	61,882	44,696	20,341	65,037	44,447	21,821	66,268
CRTC	435	105	540	586	71	657	666	110	776
CONSOMMATION ET CORPORATIONS									
CC	11,097	1,248	12,345	11,593	1,287	12,880	12,117	1,326	13,443
CC-ADM	327	7	334	620	105	725	469	92	561
CC-CON	2,063	539	2,602	1,946	663	2,609	2,383	690	3,073
CC-COR	142	300	442	121	211	332	112	160	272
CC-EC	420	402	822	399	308	707	373	384	757
CC-PI	8,145	---	8,145	8,507	---	8,507	8,780	---	8,780
EMPLOI ET IMMIGRATION									
EI	7,785	2,218	10,003	9,359	831	10,190	8,858	901	9,759
EI-ADM	7,785	2,218	10,003	9,359	831	10,190	8,858	901	9,759
CEIC	2,822	1,043	3,865	3,855	1,945	5,800	4,087	2,097	6,184
CEIC-EA	2,822	1,043	3,865	3,855	1,945	5,800	4,087	2,097	6,184
ENERGIE, MINES ET RESSOURCES									
EMR	87,749	36,789	124,538	89,959	53,762	143,721	102,463	65,321	167,784
EMR-ENER	15,021	19,282	34,303	16,499	40,937	57,436	19,105	51,662	70,767
EMR-MIN	16,931	2,821	19,752	17,044	2,746	19,790	18,815	2,804	21,619
EMR-SG	55,797	14,686	70,483	56,416	10,079	66,495	64,543	10,855	75,398
CCEA	147	700	847	159	704	863	170	775	945
EACL	71,119	20,869	91,988	67,685	23,660	91,265	75,817	20,635	96,452
NEB	1,620	---	1,620	1,797	---	1,797	2,117	---	2,117
ENVIRONNEMENT									
ENV	186,531	19,882	206,413	187,149	28,259	215,408	202,583	27,260	229,843
ENV-ADM	1,663	---	1,663	1,431	---	1,431	1,798	---	1,798
ENV-SE	176,697	19,277	195,974	176,726	27,586	204,312	190,889	26,512	217,401
ENV-SPE	4,546	4,488	9,034	4,641	3,271	7,912	4,816	3,318	8,134
ENV-SEA	94,284	3,271	97,555	97,392	3,068	100,460	111,045	3,455	114,500
ENV-SGE	50,991	8,554	59,545	51,204	10,759	61,963	51,722	9,288	61,010
ENV-FOR	26,876	2,964	29,840	23,489	10,488	33,977	23,306	10,451	33,757
ENV-PC	8,171	685	8,776	8,992	673	9,665	9,896	748	10,644
AFFAIRES EXTERIEURES									
AE	3,404	1,417	4,821	3,810	1,410	5,220	3,806	1,465	5,271
AE-ICE	3,404	1,417	4,821	3,810	1,410	5,220	3,806	1,465	5,271
ACDI	1,872	33,774	35,646	1,917	35,897	37,814	2,117	36,574	38,691
CRDI	10,520	26,217	36,737	10,793	24,931	35,724	12,460	27,517	39,977
FINANCES									
FIN	7,528	---	7,528	8,493	---	8,493	9,087	---	9,087
FIN-PFE	7,528	---	7,528	8,493	---	8,493	9,087	---	9,087
PECHES ET OCEANS									
P&O	110,355	12,160	122,515	102,888	9,777	112,665	107,087	9,316	116,403
P&O-GPR	110,355	12,160	122,515	102,888	9,777	112,665	107,087	9,316	116,403
AFFAIRES INDIENNES ET NORD CANADIEN									
AINC	3,153	2,964	6,117	3,268	3,098	6,366	3,523	3,316	6,839
AINC-AII	100	1,588	1,688	100	1,588	1,688	105	1,600	1,705
AINC-AN	3,053	1,376	4,429	3,168	1,510	4,678	3,418	1,716	5,134
INDUSTRIE ET COMMERCE									
IC	4,253	57,143	61,396	7,068	67,698	74,766	10,086	94,708	104,794
IC-CI	4,032	55,158	59,190	6,807	65,832	72,639	9,847	93,232	103,079
IC-TOUR	153	156	309	189	156	345	189	156	345
IC-CGO	68	1,829	1,897	72	1,710	1,782	50	1,320	1,370
JUSTICE									
JUST	1,040	1,534	2,574	2,518	2,234	4,752	2,404	2,556	4,960
JUST-ADM	1,040	1,534	2,574	1,189	2,234	3,423	1,304	2,556	3,860
JUST-CIUC	---	---	---	1,329	---	1,329	1,100	---	1,100
CRD	1,847	498	2,345	1,793	576	2,369	1,931	826	2,757
TRAVAIL									
TRAV	3,027	303	3,330	3,015	210	3,225	3,446	367	3,813
DEFENSE NATIONALE									
DEFN	62,423	20,843	83,266	62,682	30,740	93,422	70,237	33,714	103,951
DEFN-SER	62,423	20,843	83,266	62,682	30,740	93,422	70,237	33,714	103,951

DEPENSES FEDERALES INTRA-MUROS ET EXTRA-MUROS EN ACTIVITES SCIENTIFIQUES

PAR MINISTERE OU ORGANISME

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	INTRA- MUROS	EXTRA- MUROS	TOTAL	INTRA- MUROS	EXTRA- MUROS	TOTAL	INTRA- MUROS	EXTRA- MUROS	TOTAL
SANTE NATIONALE ET BIEN-ETRE SOCIAL									
SNBS	31,304	26,854	58,158	30,899	18,306	48,405	33,005	21,038	54,043
SNBS-ADM	4,557	2,158	6,715	4,217	1,070	5,287	4,870	1,570	6,440
SNBS-SSSS	2,317	23,710	26,027	1,749	16,124	17,873	2,098	18,548	20,646
SNBS-SM	125	---	125	135	---	135	142	---	142
SNBS-PS	23,777	986	24,763	23,511	1,112	24,623	25,364	920	26,284
SNBS-SAA	528	---	528	487	---	487	531	---	531
CRM	1,214	63,002	64,216	1,439	68,676	70,115	1,556	78,475	80,031
REVENU NATIONAL									
REVN	4,262	---	4,262	4,309	---	4,309	4,863	---	4,863
REVN-IMP	4,262	---	4,262	4,309	---	4,309	4,863	---	4,863
POSTES									
PO	523	110	633	506	14	520	445	535	980
CONSEIL PRIVE									
CP	243	4,107	4,350	6	1,796	1,802	---	549	549
CLO	590	---	590	875	---	875	975	---	975
CEC	7,499	707	8,196	7,497	2,066	9,563	7,695	503	8,198
TRAVAUX PUBLICS									
TP	2,600	1,521	4,121	2,534	2,498	5,032	2,458	4,638	7,096
TP-SPT	2,600	1,521	4,121	2,534	2,498	5,032	2,458	4,638	7,096
CMHC	5,012	3,529	8,541	5,925	5,065	10,990	7,544	6,825	14,369
CCN	955	---	955	1,133	---	1,133	1,091	---	1,091
EXPANSION ECONOMIQUE REGIONALE									
EER	772	2,326	3,098	926	2,480	3,406	1,028	1,531	2,559
SCIENCES ET TECHNOLOGIE									
ST	5,307	468	5,775	5,609	506	6,115	6,511	527	7,038
CNRC	127,034	70,121	197,155	143,992	67,252	211,244	164,814	62,841	227,655
CNRC-RSI	113,361	69,370	182,731	130,247	67,252	197,499	148,753	62,841	211,594
CNRC-IST	13,673	751	14,424	13,745	---	13,745	16,061	---	16,061
CRSNG	1,964	109,911	111,875	2,346	118,730	121,076	3,697	159,275	162,972
CSC	1,981	329	2,310	2,068	373	2,441	2,294	392	2,686
SECRETARIAT D'ETAT									
SECE	4,524	3,473	7,997	4,820	4,580	9,400	5,240	2,458	7,698
SECE-LO	101	677	778	79	625	704	84	645	729
SECE-AC	295	337	622	389	193	582	404	193	597
SECE-AE	304	---	304	200	---	200	220	---	220
SECE-TRA	3,650	707	4,357	4,083	766	4,849	4,459	766	5,225
SECE-CIT	184	1,752	1,936	69	2,996	3,065	73	854	927
SECE-FAS	---	---	---	---	---	---	---	---	---
SRC	1,459	1,655	3,114	1,520	1,800	3,320	1,377	2,089	3,466
ONF	464	12	476	471	17	488	593	22	615
BIBN	13,051	24	13,075	14,712	23	14,735	17,155	23	17,178
MUSH	42,848	12,220	55,068	39,685	11,560	51,245	40,807	11,654	52,461
AP	8,347	---	8,347	8,833	---	8,833	9,900	---	9,900
CFP	104	---	104	212	---	212	---	---	---
CRSHC	3,378	31,224	34,602	3,632	33,010	36,642	3,999	38,642	42,641
SOLLICITEUR GENERAL									
SGEN	623	1,645	2,268	734	1,850	2,584	582	1,964	2,546
SGEN-ADM	623	1,645	2,268	734	1,850	2,584	582	1,964	2,546
GRC	---	---	---	---	---	---	---	---	---
APPROVISIONNEMENTS ET SERVICES									
AS	477	11,940	12,417	604	14,700	15,304	1,098	15,000	16,098
AS-APP	477	11,940	12,417	604	14,700	15,304	1,098	15,000	16,098
ACL	134	---	134	150	---	150	246	---	246
TRANSPORTS									
TPT	22,878	19,190	42,068	17,147	9,928	27,075	16,756	8,846	25,602
TPT-ADM	583	7,241	7,824	683	7,341	8,024	1,097	6,541	7,638
TPT-EAU	9,124	1,500	10,624	9,532	---	9,532	10,795	---	10,795
TPT-AER	3,153	7,764	10,917	3,306	2,462	5,768	4,370	2,255	6,625
TPT-SUR	10,018	2,685	12,703	3,626	125	3,751	494	50	544
CTC	2,881	756	3,637	2,234	484	2,718	2,234	484	2,718
CPH	---	---	---	---	---	---	---	---	---
CONSEIL DU TRESOR									
CT	10,408	106	10,514	11,629	110	11,739	11,673	113	11,786
CT-ADM	10,408	106	10,514	11,629	110	11,739	11,673	113	11,786
STCAN	133,223	66	133,289	127,712	31	127,743	139,884	31	139,915
TOTAL	1,188,346	620,681	1,809,027	1,200,785	683,007	1,883,792	1,316,259	777,689	2,093,948

** DEPENSES INTRA-MUROS NE COMPRENNENT PAS LES COUTS AUTRES QUE LES PROGRAMMES

DEPENSES FEDERALES EN ACTIVITES SCIENTIFIQUES

INTRA-MUROS, PAR MINISTERE OU ORGANISME

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	R-D	ASC	TOTAL	R-D	ASC	TOTAL	R-D	ASC	TOTAL
AGRICULTURE									
AGR	116,198	5,488	121,686	126,504	5,829	132,333	140,624	6,511	147,135
AGR-ADM	3,044	2,413	5,457	3,194	2,424	5,618	3,595	2,757	6,352
AGR-RES	106,891	1,519	108,410	117,150	1,725	118,875	130,206	1,900	132,106
AGR-PIA	4,866	---	4,866	4,661	---	4,661	5,176	---	5,176
AGR-CCG	1,397	1,556	2,953	1,499	1,680	3,179	1,647	1,854	3,501
OCF	74	12	86	78	12	90	83	12	95
COMMUNICATIONS									
COMM	48,639	3,159	51,798	41,152	3,544	44,696	40,509	3,938	44,447
CRTC	435	---	435	586	---	586	666	---	666
CONSOMMATION ET CORPORATIONS									
CC	1,207	9,890	11,097	1,058	10,535	11,593	1,216	10,901	12,117
CC-ADM	---	327	327	---	620	620	---	469	469
CC-CON	663	1,400	2,063	556	1,390	1,946	749	1,634	2,383
CC-COR	142	---	142	121	---	121	112	---	112
CC-EC	402	18	420	381	18	399	355	18	373
CC-PI	---	8,145	8,145	---	8,507	8,507	---	8,780	8,780
EMPLOI ET IMMIGRATION									
EI	1,099	6,686	7,785	1,475	7,884	9,359	1,384	7,474	8,858
EI-ADM	1,099	6,686	7,785	1,475	7,884	9,359	1,384	7,474	8,858
CEIC	---	2,822	2,822	---	3,855	3,855	---	4,087	4,087
CEIC-EA	---	2,822	2,822	---	3,855	3,855	---	4,087	4,087
ENERGIE, MINES ET RESSOURCES									
EMR	56,561	31,188	87,749	57,904	32,055	89,959	66,519	35,944	102,463
EMR-ENER	11,929	3,092	15,021	10,895	5,604	16,499	13,453	5,652	19,105
EMR-MIN	10,772	6,159	16,931	10,361	6,683	17,044	11,965	6,850	18,815
EMR-SG	33,860	21,937	55,797	36,648	19,768	56,416	41,101	23,442	64,543
CCEA	147	---	147	159	---	159	170	---	170
EACL	67,835	3,284	71,119	63,866	3,739	67,605	71,739	4,078	75,817
NEB	---	1,620	1,620	---	1,797	1,797	---	2,117	2,117
ENVIRONNEMENT									
ENV	53,994	132,537	186,531	48,727	138,422	187,149	49,685	152,898	202,583
ENV-ADM	432	1,231	1,663	379	1,052	1,431	399	1,399	1,798
ENV-SE	53,550	123,147	176,697	48,335	128,391	176,726	49,272	141,617	190,889
ENV-SPE	2,186	2,360	4,546	2,166	2,475	4,641	2,148	2,668	4,816
ENV-SEA	11,128	83,156	94,284	9,480	87,912	97,392	10,182	100,863	111,045
ENV-SGE	16,157	34,834	50,991	16,349	34,855	51,204	16,617	35,105	51,722
ENV-FOR	24,079	2,797	26,876	20,340	3,149	23,489	20,325	2,981	23,306
ENV-PC	12	8,159	8,171	13	8,979	8,992	14	9,882	9,896
AFFAIRES EXTERIEURES									
AE	---	3,404	3,404	---	3,810	3,810	---	3,806	3,806
AE-ICE	---	3,404	3,404	---	3,810	3,810	---	3,806	3,806
ACDI	454	1,418	1,872	471	1,446	1,917	397	1,720	2,117
CRDI	6,527	3,993	10,520	6,767	4,026	10,793	7,181	5,279	12,460
FINANCES									
FIN	---	7,528	7,528	---	8,493	8,493	---	9,087	9,087
FIN-PFE	---	7,528	7,528	---	8,493	8,493	---	9,087	9,087
PECHES ET OCEANS									
P&O	52,368	57,987	110,355	49,000	53,888	102,888	51,034	56,053	107,087
P&O-GPR	52,368	57,987	110,355	49,000	53,888	102,888	51,034	56,053	107,087
AFFAIRES INDIENNES ET NORD CANADIEN									
AINC	1,666	1,487	3,153	1,672	1,596	3,268	1,712	1,811	3,523
AINC-AII	25	75	100	25	75	100	25	80	105
AINC-AN	1,641	1,412	3,053	1,647	1,521	3,168	1,687	1,731	3,418
INDUSTRIE ET COMMERCE									
IC	3,891	362	4,253	6,645	423	7,068	9,638	448	10,086
IC-CI	3,732	300	4,032	6,482	325	6,807	9,497	350	9,847
IC-TOUR	91	62	153	91	98	189	91	98	189
IC-CGO	68	---	68	72	---	72	50	---	50
JUSTICE									
JUST	727	313	1,040	838	1,680	2,518	942	1,462	2,404
JUST-ADM	727	313	1,040	838	351	1,189	942	362	1,304
JUST-CIUC	---	---	0	---	1,329	1,329	---	1,100	1,100
CRD	1,409	438	1,847	1,454	339	1,793	1,547	384	1,931
TRAVAIL									
TRAV	371	2,656	3,027	354	2,661	3,015	411	3,035	3,446
DEFENSE NATIONALE									
DEFN	60,927	1,496	62,423	61,114	1,568	62,682	68,507	1,730	70,237
DEFN-SER	60,927	1,496	62,423	61,114	1,568	62,682	68,507	1,730	70,237

DEPENSES FEDERALES EN ACTIVITES SCIENTIFIQUES

INTRA-MUROS. PAR MINISTERE OU ORGANISME

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	R-D	ASC	TOTAL	R-D	ASC	TOTAL	R-D	ASC	TOTAL
SANTÉ NATIONALE ET BIEN-ÊTRE SOCIAL									
SNBS	12,422	18,882	31,304	12,219	17,880	30,099	13,383	19,622	33,005
SNBS-ADM	1,535	3,022	4,557	1,410	2,807	4,217	1,635	3,235	4,870
SNBS-SSSS	1,445	872	2,317	989	840	1,749	979	1,119	2,098
SNBS-SM	125	---	125	135	---	135	142	---	142
SNBS-PS	9,317	14,460	23,777	9,765	13,746	23,511	10,627	14,737	25,364
SNBS-SAA	---	528	528	---	487	487	---	531	531
CRM	1,129	85	1,214	1,324	115	1,439	1,431	125	1,556
REVENU NATIONAL									
REVN	1,726	2,536	4,262	1,394	2,915	4,309	1,457	3,406	4,863
REVN-IMP	1,726	2,536	4,262	1,394	2,915	4,309	1,457	3,406	4,863
POSTES									
PO	124	399	523	187	319	506	225	220	445
CONSEIL PRIVÉ									
CP	---	243	243	---	6	6	---	---	0
CLO	---	590	590	---	875	875	---	975	975
CEC	6,817	672	7,489	6,510	987	7,497	6,735	960	7,695
TRAVAUX PUBLICS									
TP	1,407	1,193	2,600	1,365	1,169	2,534	1,262	1,196	2,458
TP-SPT	1,407	1,193	2,600	1,365	1,169	2,534	1,262	1,196	2,458
CMHC	1,556	3,456	5,012	2,021	3,904	5,925	2,668	4,876	7,544
CCN	574	381	955	638	495	1,133	661	430	1,091
EXPANSION ECONOMIQUE REGIONALE									
EER	770	2	772	923	3	926	1,025	3	1,028
SCIENCES ET TECHNOLOGIE									
ST	---	5,307	5,307	---	5,609	5,609	---	6,511	6,511
CNRC	99,792	27,242	127,034	113,489	30,503	143,992	130,326	34,488	164,814
CNRC-RSI	99,792	13,569	113,361	113,489	16,758	130,247	130,326	18,427	148,753
CNRC-IST	---	13,673	13,673	---	13,745	13,745	---	16,061	16,061
CRSNG	1,571	393	1,964	1,877	469	2,346	2,958	739	3,697
CSC	812	1,169	1,981	890	1,178	2,068	947	1,347	2,294
SECRETARIAT D'ETAT									
SECE	2,153	2,371	4,524	2,184	2,636	4,820	2,378	2,862	5,240
SECE-LO	---	101	101	---	79	79	---	84	84
SECE-AC	---	285	285	---	389	389	---	404	404
SECE-AE	---	304	304	---	200	200	---	220	220
SECE-TRA	2,094	1,556	3,650	2,184	1,899	4,083	2,378	2,091	4,459
SECE-CIT	59	125	184	---	69	69	---	73	73
SRC	---	1,459	1,459	---	1,520	1,520	---	1,377	1,377
ONF	289	175	464	284	187	471	362	231	593
BIBN	---	13,051	13,051	---	14,712	14,712	---	17,155	17,155
MUSN	4,367	38,481	42,848	4,372	35,313	39,685	4,557	36,250	40,807
AP	---	8,347	8,347	---	8,833	8,833	---	9,900	9,900
CFP	104	---	104	---	212	212	---	---	0
CRSHC	1,774	1,604	3,378	1,888	1,744	3,632	2,066	1,933	3,999
SOLLICITEUR GENERAL									
SGEN	243	380	623	303	431	734	232	350	582
SGEN-ADM	243	380	623	303	431	734	232	350	582
APPROVISIONNEMENTS ET SERVICES									
AS	437	40	477	525	79	604	947	151	1,098
AS-APP	437	40	477	525	79	604	947	151	1,098
ACL	115	19	134	132	18	150	205	41	246
TRANSPORTS									
TPT	7,330	15,548	22,878	7,302	9,845	17,147	10,491	6,265	16,756
TPT-ADM	501	82	583	591	92	683	1,007	90	1,097
TPT-EAU	3,674	5,450	9,124	3,518	6,014	9,532	5,363	5,432	10,795
TPT-AER	3,085	68	3,153	3,086	220	3,306	4,046	324	4,370
TPT-SUR	70	9,948	10,018	107	3,519	3,626	75	419	494
CTC	939	1,942	2,881	729	1,505	2,234	729	1,505	2,234
CONSEIL DU TRESOR									
CT	---	10,408	10,408	---	11,629	11,629	---	11,673	11,673
CT-ADM	---	10,408	10,408	---	11,629	11,629	---	11,673	11,673
STCAN	4,635	128,588	133,223	4,380	123,332	127,712	4,755	135,129	139,884
TOTAL	625,615	562,731	1,188,346	634,972	565,813	1,200,785	703,764	612,495	1,316,259

** DEPENSES INTRA-MUROS NE COMPRENNENT PAS LES COUTS AUTRES QUE LES PROGRAMMES

DEPENSES FEDERALES EN ACTIVITES SCIENTIFIQUES

INDUSTRIE, PAR MINISTERE OU ORGANISME

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	R-D	ASC	TOTAL	R-D	ASC	TOTAL	R-D	ASC	TOTAL
AGRICULTURE									
AGR	1.168	---	1.168	2.161	---	2.161	2.064	---	2.064
AGR-ADM	21	---	21	52	---	52	171	---	171
AGR-RES	1.147	---	1.147	2.109	---	2.109	1.893	---	1.893
ACP	---	5	5	5	5	10	5	5	10
COMMUNICATIONS									
COMM	8.346	581	8.927	17.660	783	18.443	18.653	804	19.457
CRTC	30	---	30	14	---	14	35	---	35
CONSUMMATION ET CORPORATIONS									
CC	158	58	216	316	45	361	280	55	335
CC-CON	115	---	115	183	---	183	280	---	280
CC-COR	43	---	43	133	---	133	80	---	80
CC-EC	---	58	58	---	45	45	---	55	55
EMPLOI ET IMMIGRATION									
EI	81	2.133	2.214	58	770	828	61	837	898
EI-ADM	81	2.133	2.214	58	770	828	61	837	898
CEIC	---	864	864	---	1.520	1.520	---	1.646	1.646
CEIC-EA	---	864	864	---	1.520	1.520	---	1.646	1.646
ENERGIE, MINES ET RESSOURCES									
EMR	8.116	9.209	17.325	9.783	4.721	14.504	9.714	6.280	15.994
EMR-ENER	3.956	1.001	4.957	5.386	590	5.976	5.507	845	6.352
EMR-MIN	233	40	273	345	10	355	559	---	559
EMR-SG	3.927	8.168	12.095	4.852	4.121	8.173	3.648	5.435	9.083
CCEA	204	---	204	244	---	244	284	---	284
EACL	7.092	11.630	18.722	8.072	13.479	21.551	8.685	9.474	18.159
ENVIRONNEMENT									
ENV	3.925	2.572	6.497	12.160	1.780	13.940	12.420	1.880	14.300
ENV-SE	3.874	2.422	6.296	12.104	1.614	13.718	12.358	1.696	14.054
ENV-SPE	3.085	390	3.475	2.200	253	2.453	2.265	245	2.510
ENV-SFA	---	---	620	---	---	426	---	516	516
ENV-SCE	345	1.323	1.668	2.588	935	3.523	2.588	935	3.523
ENV-FOR	444	89	533	7.316	---	7.316	7.585	---	7.585
ENV-PC	51	150	201	56	166	222	62	184	246
AFFAIRES EXTERIEURES									
ACDI	---	21.332	21.332	---	22.612	22.612	---	23.969	23.969
FINANCES									
PECHES ET OCEANS									
P&O	4.956	1.859	6.815	3.286	1.952	5.238	3.350	1.965	5.315
P&O-GPR	4.956	1.859	6.815	3.286	1.952	5.238	3.350	1.965	5.315
AFFAIRES INDIENNES ET NORD CANADIEN									
AINC	246	286	532	239	421	660	274	498	772
AINC-All	67	117	184	67	117	184	74	122	196
AINC-AN	179	169	348	172	304	476	200	376	576
INDUSTRIE ET COMMERCE									
IC	54.585	289	54.714	64.589	341	64.930	80.320	372	80.692
IC-CI	52.925	289	53.134	63.073	341	63.414	80.244	372	80.616
IC-TOUR	156	---	156	156	---	156	156	---	156
IC-CGO	1.424	---	1.424	1.360	---	1.360	920	---	920
JUSTICE									
CRD	---	245	245	---	312	312	---	524	524
TRAVAIL									
TRAV	18	30	48	30	10	40	45	75	120
DEFENSE NATIONALE									
DEFN	17.598	63	17.661	26.476	87	26.563	28.742	50	28.792
DEFN-SER	17.598	63	17.661	26.476	87	26.563	28.742	50	28.792
SANTE NATIONALE ET BIEN-ETRE SOCIAL									
SNBS	277	165	442	165	328	493	198	220	418
SNBS-SSSS	285	22	307	125	5	130	143	10	153
SNBS-PS	72	143	215	40	323	363	55	210	265
REVENU NATIONAL									
POSTES									
PO	82	---	82	14	---	14	535	---	535
CONSEIL PRIVE									
CEC	491	---	491	1.623	---	1.623	296	---	296
TRAVAUX PUBLICS									
TP	413	922	1.335	1.690	638	2.328	3.238	1.280	4.518
TP-SPT	413	922	1.335	1.690	638	2.328	3.238	1.280	4.518
CMHC	1.181	589	1.610	2.043	876	2.919	3.118	1.398	4.516
EXPANSION ECONOMIQUE REGIONALE									
EER	6	426	432	17	510	527	45	762	807
SCIENCES ET TECHNOLOGIE									
CNRC	58.197	274	58.471	50.898	679	51.577	41.288	707	41.995
CNRC-RS1	58.197	274	58.471	50.898	679	51.577	41.288	707	41.995
CRSNG	1.576	---	1.576	1.645	---	1.645	1.849	---	1.849
CSC	25	---	25	29	---	29	31	---	31
SECRETARIAT D'ETAT									
SECE	---	729	729	---	235	235	---	235	235
SECE-LO	---	154	154	---	95	95	---	95	95
SECE-AC	---	315	315	---	140	140	---	140	140
SECE-CIT	---	260	260	---	---	---	---	---	---
SRC	---	1.655	1.655	---	1.800	1.800	---	2.089	2.089
ONF	---	12	12	---	12	12	---	17	17
MUSN	---	1.172	1.172	---	1.106	1.106	---	1.145	1.145
SOLLICITEUR GENERAL									
SGEN	325	87	412	527	120	647	538	185	715
SGEN-ADM	325	87	412	527	120	647	538	185	715
APPROVISIONNEMENTS ET SERVICES									
AS	10.211	494	10.705	11.845	1.266	13.111	12.035	1.347	13.382
AS-APP	10.211	494	10.705	11.845	1.266	13.111	12.035	1.347	13.382
TRANSPORTS									
TPT	7.220	9.864	17.084	5.524	3.267	8.791	4.679	3.039	7.718
TPT-ADM	5.133	775	5.908	5.384	974	6.358	4.634	924	5.558
TPT-EAU	1.500	---	1.500	---	---	---	---	---	---
TPT-AER	---	7.743	7.743	140	2.293	2.433	45	2.115	2.160
TPT-SUR	587	1.346	1.933	---	---	---	---	---	---
CTC	323	177	500	199	118	317	199	118	317
CONSEIL DU TRESOR									
TOTAL	186.690	67.562	254.252	221.312	59.793	281.105	242.973	60.976	303.949

** DEPENSES INTRA-MUROS NE COMPRENNENT PAS LES COUTS AUTRES QUE LES PROGRAMMES

DEPENSES FEDERALES EN ACTIVITES SCIENTIFIQUES

UNIVERSITES, PAR MINISTERE OU ORGANISME

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	R-D	ASC	TOTAL	R-D	ASC	TOTAL	R-D	ASC	TOTAL
AGRICULTURE									
AGR	2.742	---	2.742	3.679	---	3.679	3.688	---	3.688
AGR-ADM	7	---	7	32	---	32	60	---	60
AGR-RES	2.735	---	2.735	3.647	---	3.647	3.628	---	3.628
OCP	14	---	14	20	---	20	20	---	20
COMMUNICATIONS									
COMM	765	44	809	800	32	832	800	33	833
CRTC	25	---	25	---	---	0	30	---	30
CONSUMMATION ET CORPORATIONS									
CC	386	67	453	307	52	359	255	64	319
CC-CON	306	---	306	236	---	236	215	---	215
CC-COR	80	---	80	71	---	71	40	---	40
CC-EC	---	67	67	---	52	52	---	64	64
EMPLOI ET IMMIGRATION									
CEIC	47	---	47	---	---	0	---	---	0
CEIC-EA	47	---	47	---	---	0	---	---	0
ENERGIE, MINES ET RESSOURCES									
EMR	2.590	735	3.325	2.218	323	2.541	2.660	193	2.853
EMR-ENER	1.313	---	1.313	712	---	712	1.050	---	1.050
EMR-MIN	325	---	325	516	---	516	560	---	560
EMR-SG	952	735	1.687	990	323	1.313	1.050	193	1.243
CCEA	408	---	408	386	---	386	406	---	406
EACL	769	38	807	978	36	1.014	1.011	35	1.046
ENVIRONNEMENT									
ENV	2.616	547	3.163	2.005	465	2.470	2.215	518	2.733
ENV-SE	2.591	480	3.071	1.977	391	2.368	2.185	436	2.621
ENV-SPE	356	---	356	315	---	315	315	---	315
ENV-SEA	426	223	649	383	256	639	535	301	836
ENV-SGE	1.375	257	1.632	453	135	588	453	135	588
ENV-FOR	434	---	434	826	---	826	882	---	882
ENV-PC	25	67	92	28	74	102	30	82	112
AFFAIRES EXTERIEURES									
AE	---	1.327	1.327	---	1.300	1.300	---	1.345	1.345
AE-ICE	---	1.327	1.327	---	1.300	1.300	---	1.345	1.345
ACDI	294	1.644	1.938	300	1.808	2.108	350	1.988	2.338
CRDI	290	---	290	260	---	260	465	---	465
FINANCES									
PECHES ET OCEANS									
P&O	836	108	944	1.193	108	1.301	1.220	108	1.328
P&O-GPR	836	108	944	1.193	108	1.301	1.220	108	1.328
AFFAIRES INDIENNES ET NORD CANADIEN									
AINC	818	10	828	854	10	864	829	20	849
AINC-AII	44	---	44	44	---	44	44	---	44
AINC-AN	774	10	784	810	10	820	785	20	805
INDUSTRIE ET COMMERCE									
IC	842	342	1.184	1.347	500	1.847	2.530	595	3.125
IC-CI	787	342	1.129	1.347	500	1.847	2.505	595	3.100
IC-CGO	55	---	55	---	---	0	25	---	25
JUSTICE									
JUST	---	20	20	---	40	40	---	41	41
JUST-ADM	---	20	20	---	40	40	---	41	41
TRAVAIL									
TRAV	110	10	120	84	20	104	125	45	170
DEFENSE NATIONALE									
DEFN	1.800	182	1.982	2.700	77	2.777	3.010	100	3.110
DEFN-SER	1.800	182	1.982	2.700	77	2.777	3.010	100	3.110
SANTE NATIONALE ET BIEN-ETRE SOCIAL									
SNBS	13.523	2.925	16.448	9.304	2.081	11.385	11.625	2.068	13.693
SNBS-SSSS	13.390	2.776	16.166	9.274	1.772	11.046	11.580	1.866	13.446
SNBS-PS	133	149	282	30	309	339	45	202	247
CRM	59.123	1.752	60.875	64.823	2.015	66.838	73.388	2.188	75.576
REVENU NATIONAL									
POSTES									
CONSEIL PRIVE									
CEC	117	---	117	438	---	438	197	---	197
TRAVAUX PUBLICS									
TP	63	---	63	60	---	60	---	---	0
TP-SPT	63	---	63	60	---	60	---	---	0
CMC	118	885	1.003	121	697	818	160	731	891
EXPANSION ECONOMIQUE REGIONALE									
SCIENTIFICS ET TECHNOLOGIE									
CNRC	9.649	---	9.649	12.431	---	12.431	16.846	---	16.846
CNRC-RSI	9.649	---	9.649	12.431	---	12.431	16.846	---	16.846
CRSNG	97.343	7.682	105.025	104.925	8.327	113.252	137.681	14.946	152.627
CSC	92	---	92	85	---	85	89	---	89
SECRETARIAT D'ETAT									
SECE	718	81	799	476	67	543	476	87	563
SECE-LO	169	---	169	---	50	50	---	70	70
SECE-AC	---	22	22	---	17	17	---	17	17
SECE-TRA	460	---	460	476	---	476	476	---	476
SECE-CIT	89	59	148	---	8	8	---	5	5
CAF	---	---	0	---	5	5	---	5	5
MUSH	---	706	706	---	671	671	---	697	697
CRSHC	17.491	9.051	26.542	19.027	9.148	28.175	22.790	10.638	33.428
SOLLICITEUR GENERAL									
SGEN	725	---	725	811	---	811	820	---	820
SGEN-ADM	725	---	725	811	---	811	820	---	820
APPROVISIONNEMENTS ET SERVICES									
AS	613	257	870	768	382	1.150	795	356	1.151
AS-APP	613	257	870	768	382	1.150	795	356	1.151
TRANSPORTS									
TPT	1.215	149	1.364	983	9	992	963	---	963
TPT-ADM	1.041	22	1.063	963	---	963	963	---	963
TPT-AER	17	4	21	20	9	29	---	---	0
TPT-SUR	157	123	280	---	---	0	---	---	0
CTC	221	---	221	142	---	142	142	---	142
CONSEIL DU TRESOR									
TOTAL	216.316	28.609	244.925	230.725	28.173	258.898	285.586	36.801	322.387

** DEPENSES INTRA-MURS NE COMPRENNENT PAS LES COUTS AUTRES QUE LES PROGRAMMES

DEPENSES FEDERALES EN ACTIVITES SCIENTIFIQUES
 INSTITUTIONS A BUT NON-LUC., PAR MINISTERE OU ORGANISME

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	R-D	ASC	TOTAL	R-D	ASC	TOTAL	R-D	ASC	TOTAL
AGRICULTURE									
AGR	326	---	326	205	---	205	510	---	510
AGR-RES	326	---	326	205	---	205	510	---	510
COMMUNICATIONS									
COMM	---	24	24	---	9	9	---	8	8
CRTC	2	---	2	37	---	37	25	---	25
CONSOMMATION ET CORPORATIONS									
CC	16	---	16	---	---	0	15	---	15
CC-COM	16	---	16	---	---	0	15	---	15
EMPLOI ET IMMIGRATION									
ENERGIE, MINES ET RESSOURCES									
EMR	1,834	81	1,915	1,496	41	1,537	1,581	30	1,611
EMR-ENER	1,666	---	1,666	1,416	---	1,416	1,419	---	1,419
EMR-MIN	144	---	144	74	---	74	138	---	138
EMR-SG	24	81	105	6	41	47	24	30	54
CCEA	56	---	56	20	---	20	30	---	30
EACL	349	---	349	---	---	0	190	---	190
ENVIRONNEMENT									
ENV	1,790	81	1,871	2,605	38	2,643	2,278	36	2,314
ENV-SE	1,745	65	1,810	2,555	20	2,575	2,223	16	2,239
ENV-SPE	82	---	82	---	---	75	75	---	75
ENV-SEA	105	16	121	73	20	93	---	16	16
ENV-SGE	90	49	139	282	---	282	281	---	281
ENV-FOR	1,468	---	1,468	2,125	---	2,125	1,867	---	1,867
ENV-PC	45	16	61	50	18	68	55	20	75
AFFAIRES EXTERIEURES									
ACDI	---	527	527	---	579	579	---	638	638
CRDI	194	---	194	47	---	47	151	---	151
FINANCES									
PECHES ET OCEANS									
P&O	1,494	258	1,752	1,432	325	1,757	1,485	325	1,810
P&O-GPR	1,494	258	1,752	1,432	325	1,757	1,485	325	1,810
AFFAIRES INDIENNES ET NORD CANADIEN									
AINC	97	1,030	1,127	96	1,030	1,126	246	1,030	1,276
AINC-ATI	93	1,030	1,123	93	1,030	1,123	93	1,030	1,123
AINC-AM	4	---	4	3	---	3	153	---	153
INDUSTRIE ET COMMERCE									
IC	364	12	376	366	45	411	391	45	436
IC-CI	14	12	26	16	45	61	16	45	61
IC-CGO	350	---	350	350	---	350	375	---	375
JUSTICE									
JUST	613	300	913	974	275	1,249	950	350	1,300
JUST-ADM	613	300	913	974	275	1,249	950	350	1,300
TRAVAIL									
TRAV	---	15	15	---	15	15	15	---	15
DEFENSE NATIONALE									
SANTE NATIONALE ET BIEN-ETRE SOCIAL									
SNBS	5,706	1,202	6,908	3,960	846	4,806	3,998	845	4,843
SNBS-SSSS	5,444	1,195	6,639	3,796	741	4,537	3,768	770	4,538
SNBS-PS	262	7	269	164	105	269	230	75	305
CRM	---	100	100	---	100	100	---	110	110
REVENU NATIONAL									
POSTES									
CONSEIL PRIVE									
CP	4,070	---	4,070	1,796	---	1,796	549	---	549
CEC	88	---	88	5	---	5	10	---	10
TRAVAUX PUBLICS									
TP	---	20	20	---	20	20	---	27	27
TP-SPT	---	20	20	---	20	20	---	27	27
CMHC	47	367	414	73	402	475	90	561	651
EXPANSION ECONOMIQUE REGIONALE									
SCIENCES ET TECHNOLOGIE									
CNRC	36	---	36	140	---	140	140	---	140
CNRC-RSI	36	---	36	140	---	140	140	---	140
CRSNG	569	569	1,138	614	655	1,269	679	790	1,469
CSC	52	---	52	42	---	42	44	---	44
SECRETARIAT D'ETAT									
SECE	1,691	---	1,691	3,244	176	3,420	944	176	1,120
SECE-LO	347	---	347	480	---	480	480	---	480
SECE-AC	---	---	0	---	36	36	---	36	36
SECE-CIT	1,344	---	1,344	2,764	140	2,904	464	140	604
MUSN	---	1,176	1,176	---	1,120	1,120	---	1,165	1,165
CRSHC	---	1,853	1,853	---	2,200	2,200	---	2,300	2,300
SOLLICITEUR GENERAL									
SGEN	60	---	60	67	---	67	75	---	75
SGEN-ADM	60	---	60	67	---	67	75	---	75
APPROVISIONNEMENTS ET SERVICES									
AS	29	93	122	55	71	126	66	72	138
AS-APP	29	93	122	55	71	126	66	72	138
TRANSPORTS									
TPT	15	38	53	50	---	50	50	---	50
TPT-ADM	---	5	5	---	---	0	---	---	0
TPT-SUR	15	33	48	50	---	50	50	---	50
CONSEIL DU TRESOR									
CT	106	---	106	110	---	110	113	---	113
CT-ADM	106	---	106	110	---	110	113	---	113
TOTAL	19,604	7,746	27,350	17,434	7,947	25,381	14,625	8,508	23,133

** DEPENSES INTRA-MUROS NE COMPRENNENT PAS LES COUTS AUTRES QUE LES PROGRAMMES

DEPENSES FEDERALES EN ACTIVITES SCIENTIFIQUES
ADMIN. PROP. & MUN., PAR MINISTERE OU ORGANISME
(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	R-D	ASC	TOTAL	R-D	ASC	TOTAL	R-D	ASC	TOTAL
AGRICULTURE									
AGR	127	---	127	168	---	168	2,004	---	2,004
AGR-RES	127	---	127	168	---	168	2,004	---	2,004
COMMUNICATIONS									
CONSUMMATION ET CORPORATIONS									
EMPLOI ET IMMIGRATION									
ENERGIE, MINES ET RESSOURCES									
EMR	13,357	200	13,557	33,726	200	33,926	43,277	100	43,377
EMR-ENER	11,179	---	11,179	31,909	---	31,909	41,809	---	41,809
EMR-MIN	1,985	---	1,985	1,767	---	1,767	1,468	---	1,468
EMR-SG	193	200	393	50	200	250	---	100	100
CCEA	---	---	0	39	---	39	45	---	45
ENVIRONNEMENT									
ENV	864	3,841	4,705	182	5,656	5,838	176	4,211	4,387
ENV-SE	838	3,839	4,677	154	5,654	5,808	145	4,209	4,354
ENV-SPE	76	---	76	60	---	60	60	---	60
ENV-SEA	29	78	107	---	75	75	---	100	100
ENV-SGE	712	3,761	4,473	---	5,579	5,579	---	4,109	4,109
ENV-FOR	21	---	21	94	---	94	85	---	85
ENV-PC	26	2	28	28	2	30	31	2	33
AFFAIRES EXTERIEURES									
FINANCES									
PECHES ET OCEANS									
P&O	888	15	903	---	68	68	---	20	20
P&O-GPR	888	15	903	---	68	68	---	20	20
AFFAIRES INDIENNES ET NORD CANADIEN									
INDUSTRIE ET COMMERCE									
JUSTICE									
JUST	231	---	231	200	---	200	418	---	418
JUST-ADM	231	---	231	200	---	200	418	---	418
TRAVAIL									
DEFENSE NATIONALE									
SANTE NATIONALE ET BIEN-ETRE SOCIAL									
SNBS	1,117	1,070	2,187	41	1,082	1,123	44	1,582	1,626
SNBS-ADM	1,088	1,070	2,158	---	1,070	1,070	---	1,570	1,570
SNBS-SSSS	29	---	29	41	---	41	44	---	44
SNBS-PS	---	---	0	---	12	12	---	12	12
REVENU NATIONAL									
POSTES									
CONSEIL PRIVE									
TRAVAUX PUBLICS									
CMHC	76	52	128	78	84	162	105	129	234
EXPANSION ECONOMIQUE REGIONALE									
EER	---	1,894	1,894	---	1,953	1,953	---	724	724
SCIENCES ET TECHNOLOGIE									
CNRC	245	---	245	142	---	142	---	---	0
CNRC-RSI	245	---	245	142	---	142	---	---	0
SECRETARIAT D'ETAT									
SECE	7	---	7	---	---	0	---	---	0
SECE-LO	7	---	7	---	---	0	---	---	0
MUSH	---	4,912	4,912	---	4,645	4,645	---	4,815	4,815
SOLLICITEUR GENERAL									
SGEN	46	---	46	71	---	71	85	10	95
SGEN-ADM	46	---	46	71	---	71	85	10	95
APPROVISIONNEMENTS ET SERVICES									
TRANSPORTS									
TPT	619	---	619	95	---	95	20	---	20
TPT-ADM	261	---	261	20	---	20	20	---	20
TPT-SUR	358	---	358	75	---	75	---	---	0
CONSEIL DU TRESOR									
TOTAL	17,577	11,984	29,561	34,742	13,688	48,430	46,174	11,591	57,765

** DEPENSES INTRA-MUROS NE COMPRENNENT PAS LES COUTS AUTRES QUE LES PROGRAMMES

TABLEAU 11

SCIENCES NATURELLES ET HUMAINES

DEPENSES FEDERALES EN ACTIVITES SCIENTIFIQUES

ETRANGERS, PAR MINISTERE OU ORGANISME

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	R-D	ASC	TOTAL	R-D	ASC	TOTAL	R-D	ASC	TOTAL
AGRICULTURE									
AGR	76	65	141	66	37	103	51	47	98
AGR-ADM	44	---	44	58	---	58	---	---	0
AGR-RES	32	62	94	8	34	42	51	44	95
AGR-CCG	---	3	3	---	3	3	---	3	3
COMMUNICATIONS									
COMM	308	---	308	1.043	---	1.043	1.509	---	1.509
CONSUMMATION ET CORPORATIONS									
CC	50	29	79	51	22	73	50	28	78
CC-CON	---	---	0	44	---	44	18	---	18
CC-COR	50	---	50	7	---	7	40	---	40
CC-EC	---	29	29	---	22	22	---	28	28
EMPLOI ET IMMIGRATION									
EI	4	---	4	3	---	3	3	---	3
EI-ADM	4	---	4	3	---	3	3	---	3
CEIC	---	129	129	---	---	0	---	---	0
CEIC-EA	---	129	129	---	---	0	---	---	0
ENERGIE, MINES ET RESSOURCES									
EMR	154	13	167	414	16	430	430	19	449
EMR-ENER	115	---	115	402	---	402	396	---	396
EMR-MIN	7	---	7	6	---	6	---	---	0
EMR-SG	32	13	45	6	16	22	34	19	53
EACL	78	---	78	50	---	50	195	---	195
ENVIRONNEMENT									
ENV	147	453	600	132	548	680	120	577	697
ENV-SE	147	441	588	132	535	667	120	563	683
ENV-SPE	46	---	46	15	---	15	10	---	10
ENV-SEA	---	426	426	---	535	535	---	563	563
ENV-SGE	2	15	17	2	---	2	2	---	2
ENV-FOR	99	---	99	115	---	115	108	---	108
ENV-PC	---	12	12	---	13	13	---	14	14
AFFAIRES EXTERIEURES									
AE	---	90	90	---	110	110	---	120	120
AE-ICE	---	90	90	---	110	110	---	120	120
ACDI	9.643	334	9.977	10.230	368	10.598	9.225	404	9.629
CRDI	23.778	1.258	25.036	22.623	1.373	23.996	24.623	1.476	26.299
FINANCES									
PECHES ET OCEANS									
P&O	65	6	71	75	---	75	90	---	90
P&O-GPR	65	6	71	75	---	75	90	---	90
AFFAIRES INDIENNES ET NORD CANADIEN									
INDUSTRIE ET COMMERCE									
JUSTICE									
TRAVAIL									
DEFENSE NATIONALE									
DEFN	1.200	---	1.200	1.400	---	1.400	1.800	---	1.800
DEFN-SER	1.200	---	1.200	1.400	---	1.400	1.800	---	1.800
SANTE NATIONALE ET BIEN-ETRE SOCIAL									
SNBS	370	85	455	198	95	293	185	92	277
SNBS-SSSS	370	85	455	198	92	290	185	92	277
SNBS-PS	---	---	0	---	3	3	---	---	0
CRM	2.003	24	2.027	2.514	24	2.538	2.763	26	2.789
REVENU NATIONAL									
POSTES									
PO	28	---	28	---	---	0	---	---	0
CONSEIL PRIVE									
CEC	11	---	11	---	---	0	---	---	0
TRAVAUX PUBLICS									
TP	40	---	40	35	---	35	---	---	0
TP-SPT	40	---	40	35	---	35	---	---	0
CMHC	---	231	231	5	120	125	6	150	156
EXPANSION ECONOMIQUE REGIONALE									
SCIENCES ET TECHNOLOGIE									
ST	---	468	468	---	506	506	---	527	527
CNRC	659	---	659	1.248	---	1.248	1.941	---	1.941
CHRC-RSI	659	---	659	1.248	---	1.248	1.941	---	1.941
CRSHG	948	1.224	2.172	1.208	1.356	2.564	1.418	1.912	3.330
CSC	18	---	18	17	---	17	18	---	18
SECRETARIAT D'ETAT									
BIBN	---	24	24	---	23	23	---	23	23
MUSH	---	52	52	---	50	50	---	51	51
CRSHC	---	2.829	2.829	---	2.635	2.635	---	2.914	2.914
SOLLICITEUR GENERAL									
SGEN	14	---	14	20	---	20	10	---	10
SGEN-ADM	14	---	14	20	---	20	10	---	10
APPROVISIONNEMENTS ET SERVICES									
TRANSPORTS									
TPT	15	3	18	---	---	0	---	---	0
TPT-SUR	15	3	18	---	---	0	---	---	0
CTC	25	---	25	25	---	25	25	---	25
CONSEIL DU TRESOR									
STCAN	---	66	66	---	31	31	---	31	31
TOTAL	39.642	7.383	47.025	41.357	7.314	48.671	44.662	8.397	53.059

** DEPENSES INTRA-MUROS NE COMPRENNENT PAS LES COUTS AUTRES QUE LES PROGRAMMES

DEPENSES FEDERALES EN ACTIVITES SCIENTIFIQUES

AUTRES CANADIENS, PAR MINISTERE OU ORGANISME

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	R-D	ASC	TOTAL	R-D	ASC	TOTAL	R-D	ASC	TOTAL
AGRICULTURE									
AGR	147	903	1 050	169	3 176	3 345	285	---	285
AGR-ADM	17	---	17	---	---	0	---	---	0
AGR-RES	130	903	1 033	169	3 176	3 345	285	---	285
OCF	21	---	21	30	---	30	30	---	30
COMMUNICATIONS									
COMM	---	16	16	---	14	14	---	14	14
CRTC	48	---	48	20	---	20	20	---	20
CONSUMMATION ET CORPORATIONS									
CC	229	---	484	200	294	494	250	329	579
CC-ADM	---	7	7	---	185	185	---	92	92
CC-COM	102	---	102	200	---	200	250	---	250
CC-COR	127	---	127	---	---	0	---	---	0
CC-EC	---	248	248	---	189	189	---	237	237
EMPLOI ET IMMIGRATION									
CEIC	---	3	3	---	425	425	---	451	451
CEIC-EA	---	3	3	---	425	425	---	451	451
ENERGIE, MINES ET RESSOURCES									
EMR	388	112	500	729	95	824	923	114	1 037
EMR-ENER	52	---	52	522	---	522	636	---	636
EMR-MIN	69	18	87	28	---	28	79	---	79
EMR-SG	267	94	361	179	95	274	288	114	322
CCEA	32	---	32	15	---	15	10	---	10
EACL	913	---	913	1 045	---	1 045	1 045	---	1 045
ENVIRONNEMENT									
ENV	907	2 139	3 046	651	2 037	2 688	634	2 195	2 829
ENV-SE	822	2 013	2 835	558	1 892	2 450	531	2 038	2 561
ENV-SPE	370	83	453	285	68	353	290	50	340
ENV-SEA	52	1 296	1 348	63	1 237	1 300	39	1 365	1 424
ENV-SGE	5	620	625	198	587	785	198	587	785
ENV-FOR	395	14	409	12	---	12	4	---	4
ENV-PC	85	126	211	93	145	238	103	165	268
AFFAIRES EXTERIEURES									
CRDI	510	187	697	430	198	628	396	206	602
FINANCES									
PECHES ET OCEANS									
P&O	426	1 249	1 675	315	1 023	1 338	330	423	753
P&O-GPR	426	1 249	1 675	315	1 023	1 338	330	423	753
AFFAIRES INDIENNES ET NORD CANADIEN									
AINC	261	216	477	242	206	448	213	206	419
AINC-ALL	31	206	237	31	206	237	31	206	237
AINC-AM	230	10	240	211	---	211	182	---	182
INDUSTRIE ET COMMERCE									
IC	444	425	869	315	195	510	455	---	455
IC-CI	444	425	869	315	195	510	455	---	455
JUSTICE									
JUST	243	127	370	647	98	745	647	150	797
JUST-ADM	243	127	370	647	98	745	647	150	797
CRD	210	43	253	209	55	264	209	93	302
TRAVAIL									
TRAV	31	89	120	---	51	51	7	55	62
DEFENSE NATIONALE									
DEFN	---	---	0	---	---	0	---	12	12
DEFN-SER	---	---	0	---	---	0	---	12	12
SANTE NATIONALE ET BIEN-ETRE SOCIAL									
SNBS	175	239	414	90	116	206	30	151	181
SNBS-SSSS	20	174	194	---	80	80	---	90	90
SNBS-PS	155	65	220	90	36	126	30	61	91
REVENU NATIONAL									
POSTES									
CONSEIL PRIVE									
CP	37	---	37	---	---	0	---	---	0
TRAVAUX PUBLICS									
TP	---	55	55	---	55	55	---	93	93
TP-SPT	---	55	55	---	55	55	---	93	93
CMHC	47	96	143	340	226	566	142	235	377
EXPANSION ECONOMIQUE REGIONALE									
SCIENCES ET TECHNOLOGIE									
CNRC	310	751	1 061	905	809	1 714	1 037	802	1 919
CNRC-RSI	310	---	310	905	809	1 714	1 037	802	1 919
CNRC-IST	---	751	751	---	---	0	---	---	0
CSC	142	---	142	200	---	200	210	---	210
SECRETARIAT D'ETAT									
SECE	---	247	247	---	382	382	---	540	540
SECE-TRA	---	247	247	---	290	290	---	290	290
SECE-CIT	---	---	0	---	92	92	---	250	250
MUSH	286	3 916	4 202	266	3 702	3 968	278	3 503	3 781
SOLLICITEUR GENERAL									
SGEN	23	365	388	---	234	234	---	249	249
SGEN-ADM	23	365	388	---	234	234	---	249	249
APPROVISIONNEMENTS ET SERVICES									
AS	141	102	243	165	148	313	167	162	329
AS-APP	141	102	243	165	148	313	167	162	329
TRANSPORTS									
TPT	40	12	52	---	---	0	95	---	95
TPT-ADM	---	4	4	---	---	0	---	---	0
TPT-AER	---	---	0	---	---	0	95	---	95
TPT-SUR	40	8	48	---	---	0	---	---	0
CTC	10	---	10	---	---	0	---	---	0
CONSEIL DU TRESOR									
TOTAL	6 021	11 547	17 568	6 983	13 539	20 522	7 333	10 063	17 396

** DEPENSES INTRA-MUROS NE COMPRENNENT PAS LES COUTS AUTRES QUE LES PROGRAMMES

TABLEAU 13

SCIENCES NATURELLES ET HUMAINES

 DEPENSES FEDERALES EN RECHERCHE-DEVELOPPEMENT
 PAR EXECUTANT, EN 1978-1981

(\$ MILLIERS)

EXECUTANT	1978-79		1979-80		1980-81	
	\$	%	\$	%	\$	%
INTRA-MUROS	625,615	(56.3)	634,972	(53.5)	703,764	(52.3)
INDUSTRIE	186,690	(16.8)	221,312	(18.6)	242,973	(18.1)
UNIVERSITES	216,316	(19.5)	230,725	(19.4)	285,586	(21.2)
INSTITUTIONS A BUT NON-LUC.	19,604	(1.8)	17,434	(1.5)	14,625	(1.1)
ADMIN. PROV. & MUN.	17,577	(1.6)	34,742	(2.9)	46,174	(3.4)
ETRANGERS	39,642	(3.6)	41,357	(3.5)	44,662	(3.3)
AUTRES CANADIENS	6,021	(0.5)	6,983	(0.6)	7,333	(0.5)
TOTAL	1,111,465	(100.0)	1,187,525	(100.0)	1,345,117	(100.0)

** DEPENSES INTRA-MUROS NE COMPRENNENT PAS LES COUTS AUTRES QUE LES PROGRAMMES

TABLEAU 14

SCIENCES NATURELLES ET HUMAINES

DEPENSES FEDERALES EN ACTIVITES SCIENTIFIQUES CONNEXES
PAR EXECUTANT, EN 1978-1981

(\$ MILLIERS)

EXECUTANT	1978-79		1979-80		1980-81	
	\$	%	\$	%	\$	%
INTRA-MUROS	562,731	(80.7)	565,813	(81.3)	612,495	(81.8)
INDUSTRIE	67,562	(9.7)	59,793	(8.6)	60,976	(8.1)
UNIVERSITES	28,609	(4.1)	28,173	(4.0)	36,801	(4.9)
INSTITUTIONS A BUT NON-LUC.	7,746	(1.1)	7,947	(1.1)	8,508	(1.1)
ADMIN. PROV. & MUN.	11,984	(1.7)	13,688	(2.0)	11,591	(1.5)
ETRANGERS	7,383	(1.1)	7,314	(1.1)	8,397	(1.1)
AUTRES CANADIENS	11,547	(1.7)	13,539	(1.9)	10,063	(1.3)
TOTAL	697,562	(100.0)	696,267	(100.0)	748,831	(100.0)

** DEPENSES INTRA-MUROS NE COMPRENNENT PAS LES COUTS AUTRES QUE LES PROGRAMMES

DEPENSES FEDERALES INTRA-MUROS ET EXTRA-MUROS EN RECHERCHE-DEVELOPPEMENT

PAR MINISTERE OU ORGANISME

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	INTRA- MUROS	EXTRA- MUROS	TOTAL	INTRA- MUROS	EXTRA- MUROS	TOTAL	INTRA- MUROS	EXTRA- MUROS	TOTAL
AGRICULTURE									
AGR	116,198	4,586	120,784	126,504	6,448	132,952	140,624	8,522	149,146
AGR-ADM	3,044	89	3,133	3,194	142	3,336	3,595	231	3,826
AGR-RES	106,891	4,497	111,388	117,150	6,306	123,456	130,206	8,291	138,497
AGR-PCA	---	---	---	---	---	---	---	---	---
AGR-PIA	4,866	---	4,866	4,661	---	4,661	5,176	---	5,176
AGR-CCG	1,397	---	1,397	1,499	---	1,499	1,647	---	1,647
ACP	74	35	109	78	55	133	83	55	138
COMMUNICATIONS									
COMM	48,639	9,419	58,058	41,152	19,503	60,655	40,509	20,962	61,471
CRTC	435	105	540	586	71	657	666	110	776
CONSOMMATION ET CORPORATIONS									
CC	1,207	839	2,046	1,058	874	1,932	1,216	850	2,066
CC-ADM	---	---	---	---	---	---	---	---	---
CC-CON	663	539	1,202	556	663	1,219	749	690	1,439
CC-COR	142	300	442	121	211	332	112	160	272
CC-EC	402	---	402	381	---	381	355	---	355
CC-PI	---	---	---	---	---	---	---	---	---
EMPLOI ET IMMIGRATION									
EI	1,099	85	1,184	1,475	61	1,536	1,384	64	1,448
EI-ADM	1,099	85	1,184	1,475	61	1,536	1,384	64	1,448
CEIC	---	---	---	---	---	---	---	---	---
CEIC-EA	---	---	---	---	---	---	---	---	---
ENERGIE, MINES ET RESSOURCES									
EMR	56,561	26,439	83,000	57,904	48,366	106,270	66,519	58,585	125,104
EMR-ENER	11,929	18,281	30,210	10,895	40,347	51,242	13,453	50,817	64,270
EMR-MIN	10,772	2,763	13,535	10,361	2,736	13,097	11,965	2,804	14,769
EMR-SG	33,860	5,395	39,255	36,648	5,283	41,931	41,101	4,964	46,065
CCEA	147	700	847	159	704	863	170	775	945
EACL	67,835	9,201	77,036	63,866	10,145	74,011	71,739	11,126	82,865
NEB	---	---	---	---	---	---	---	---	---
ENVIRONNEMENT									
ENV	53,994	10,249	64,243	48,727	17,735	66,462	49,685	17,843	67,528
ENV-ADM	432	---	432	379	---	379	399	---	399
ENV-SE	53,550	10,017	63,567	48,335	17,480	65,815	49,272	17,562	66,834
ENV-SPE	2,186	4,015	6,201	2,166	2,950	5,116	2,148	3,015	5,163
ENV-SEA	11,128	612	11,740	9,480	519	9,999	10,182	574	10,756
ENV-SGE	16,157	2,529	18,686	16,349	3,523	19,872	16,617	3,522	20,139
ENV-FOR	24,079	2,861	26,940	20,340	10,488	30,828	20,325	10,451	30,776
ENV-PC	12	232	244	13	255	268	14	281	295
AFFAIRES EXTERIEURES									
AE	---	---	---	---	---	---	---	---	---
AE-ICE	---	---	---	---	---	---	---	---	---
ACDI	454	9,937	10,391	471	10,530	11,001	397	9,575	9,972
CRDI	6,527	24,772	31,299	6,767	23,360	30,127	7,181	25,835	33,016
FINANCES									
FIN	---	---	---	---	---	---	---	---	---
FIN-PFE	---	---	---	---	---	---	---	---	---
PECHES ET OCEANS									
P&O	52,368	8,665	61,033	49,000	6,301	55,301	51,034	6,475	57,509
P&O-GPR	52,368	8,665	61,033	49,000	6,301	55,301	51,034	6,475	57,509
AFFAIRES INDIENNES ET NORD CANADIEN									
AINC	1,666	1,422	3,088	1,672	1,431	3,103	1,712	1,562	3,274
AINC-AII	25	235	260	25	235	260	25	242	267
AINC-AN	1,641	1,187	2,828	1,647	1,196	2,843	1,687	1,320	3,007
INDUSTRIE ET COMMERCE									
IC	3,891	56,155	60,046	6,645	66,617	73,262	9,638	93,696	103,334
IC-CI	3,732	54,170	57,902	6,482	64,751	71,233	9,497	92,220	101,717
IC-TOUR	91	156	247	91	156	247	91	156	247
IC-CGO	68	1,829	1,897	72	1,710	1,782	50	1,320	1,370
JUSTICE									
JUST	727	1,087	1,814	838	1,821	2,659	942	2,015	2,957
JUST-ADM	727	1,087	1,814	838	1,821	2,659	942	2,015	2,957
JUST-CIUC	---	---	---	---	---	---	---	---	---
CRD	1,409	210	1,619	1,454	209	1,663	1,547	209	1,756
TRAVAIL									
TRAV	371	159	530	354	114	468	411	192	603
DEFENSE NATIONALE									
DEFN	60,927	20,598	81,525	61,114	30,576	91,690	68,507	33,552	102,059
DEFN-SER	60,927	20,598	81,525	61,114	30,576	91,690	68,507	33,552	102,059

DEPENSES FEDERALES INTRA-MUROS ET EXTRA-MUROS EN RECHERCHE-DEVELOPPEMENT

PAR MINISTERE OU ORGANISME

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	INTRA- MUROS	EXTRA- MUROS	TOTAL	INTRA- MUROS	EXTRA- MUROS	TOTAL	INTRA- MUROS	EXTRA- MUROS	TOTAL
SANTÉ NATIONALE ET BIEN-ÊTRE SOCIAL									
SNBS	12,422	21,168	33,590	12,219	13,758	25,977	13,383	16,080	29,463
SNBS-ADM	1,535	1,088	2,623	1,410	---	1,410	1,635	---	1,635
SNBS-SSSS	1,445	19,458	20,903	909	13,434	14,343	979	15,720	16,699
SNBS-SM	125	---	125	135	---	135	142	---	142
SNBS-PS	9,317	622	9,939	9,765	324	10,089	10,627	360	10,987
SNBS-SAA	---	---	---	---	---	---	---	---	---
CRM	1,129	61,126	62,255	1,324	66,537	67,861	1,431	76,151	77,582
REVENU NATIONAL									
RE/N	1,726	---	1,726	1,394	---	1,394	1,457	---	1,457
RE/N-IMP	1,726	---	1,726	1,394	---	1,394	1,457	---	1,457
POSTES									
PO	124	110	234	187	14	201	225	535	760
CONSEIL PRIVÉ									
CP	---	4,107	4,107	---	1,796	1,796	---	549	549
CLO	---	---	---	---	---	---	---	---	---
CEC	6,817	707	7,524	6,510	2,066	8,576	6,735	503	7,238
TRAVAUX PUBLICS									
TP	1,407	524	1,931	1,365	1,785	3,150	1,262	3,238	4,500
TP-SPT	1,407	524	1,931	1,365	1,785	3,150	1,262	3,238	4,500
CMHC	1,556	1,389	2,945	2,021	2,660	4,681	2,668	3,621	6,289
CCN	574	---	574	638	---	638	661	---	661
EXPANSION ECONOMIQUE REGIONALE									
EER	770	6	776	923	17	940	1,025	45	1,070
SCIENCES ET TECHNOLOGIE									
ST	---	---	---	---	---	---	---	---	---
CNRC	99,792	69,096	168,888	113,489	65,764	179,253	130,326	61,252	191,578
CNRC-RS1	99,792	69,096	168,888	113,489	65,764	179,253	130,326	61,252	191,578
CNRC-IST	---	---	---	---	---	---	---	---	---
CRSNG	1,571	100,436	102,007	1,877	108,392	110,269	2,958	141,627	144,585
CSC	812	329	1,141	890	373	1,263	947	392	1,339
SECRETARIAT D'ETAT									
SECE	2,153	2,416	4,569	2,184	3,720	5,904	2,378	1,420	3,798
SECE-LO	---	523	523	---	480	480	---	480	480
SECE-AC	---	---	---	---	---	---	---	---	---
SECE-AE	---	---	---	---	---	---	---	---	---
SECE-TRA	2,094	460	2,554	2,184	476	2,660	2,378	476	2,854
SECE-CIT	59	1,433	1,492	---	2,764	2,764	---	464	464
SECE-FAS	---	---	---	---	---	---	---	---	---
SRC	---	---	---	---	---	---	---	---	---
ONF	289	---	289	284	---	284	362	---	362
BIBN	---	---	---	---	---	---	---	---	---
MUSH	4,367	286	4,653	4,372	266	4,638	4,557	278	4,835
AP	---	---	---	---	---	---	---	---	---
CFP	104	---	104	212	---	212	---	---	---
CRSHC	1,774	17,491	19,265	1,888	19,027	20,915	2,066	22,790	24,856
SOLLICITEUR GENERAL									
SGEN	243	1,193	1,436	303	1,496	1,799	232	1,520	1,752
SGEN-ADM	243	1,193	1,436	303	1,496	1,799	232	1,520	1,752
GRC	---	---	---	---	---	---	---	---	---
APPROVISIONNEMENTS ET SERVICES									
AS	437	10,994	11,431	525	12,833	13,358	947	13,063	14,010
AS-APP	437	10,994	11,431	525	12,833	13,358	947	13,063	14,010
ACL	115	---	115	132	---	132	205	---	205
TRANSPORTS									
TPT	7,330	9,124	16,454	7,302	6,652	13,954	10,491	5,807	16,298
TPT-ADM	501	6,435	6,936	591	6,367	6,958	1,007	5,617	6,624
TPT-EAU	3,674	1,500	5,174	3,518	---	3,518	5,363	---	5,363
TPT-AER	3,085	17	3,102	3,086	160	3,246	4,046	140	4,186
TPT-SUR	70	1,172	1,242	107	125	232	75	50	125
CTC	939	579	1,518	729	366	1,095	729	366	1,095
CPN	---	---	---	---	---	---	---	---	---
CONSEIL DU TRESOR									
CT	---	106	106	---	110	110	---	113	113
CT-ADM	---	106	106	---	110	110	---	113	113
STCAN	4,635	---	4,635	4,380	---	4,380	4,755	---	4,755
TOTAL	625,615	485,850	1,111,465	634,972	552,553	1,187,525	703,764	641,353	1,345,117

** DEPENSES INTRA-MUROS NE COMPRENNENT PAS LES COÛTS AUTRES QUE LES PROGRAMMES

AIDE FEDERALE A LA RECHERCHE-DEVELOPPEMENT
DANS L'INDUSTRIE
PAR MINISTERE OU ORGANISME, EN 1978-1981

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79		1979-80		1980-81	
	SUBVENT.	CONTRATS	SUBVENT.	CONTRATS	SUBVENT.	CONTRATS
AGRICULTURE						
AGR	---	1,168	---	2,161	---	2,064
AGR-ADM	---	21	---	52	---	171
AGR-RES	---	1,147	---	2,109	---	1,893
AGR-PCA	---	---	---	---	---	---
AGR-PIA	---	---	---	---	---	---
AGR-CCG	---	---	---	---	---	---
OCP	---	---	---	5	---	5
COMMUNICATIONS						
COMM	4,476	3,870	13,342	4,318	12,243	6,410
CRTC	15	15	4	10	20	15
CONSOMMATION ET CORPORATIONS						
CC	---	158	---	316	---	280
CC-ADM	---	---	---	---	---	---
CC-CON	---	115	---	183	---	200
CC-COR	---	43	---	133	---	80
CC-EC	---	---	---	---	---	---
CC-PI	---	---	---	---	---	---
EMPLOI ET IMMIGRATION						
EI	---	81	---	58	---	61
EI-ADM	---	81	---	58	---	61
CEIC	---	---	---	---	---	---
CEIC-EA	---	---	---	---	---	---
ENERGIE, MINES ET RESSOURCES						
EMR	1,998	6,118	2,546	7,237	2,066	7,648
EMR-ENER	1,998	1,958	2,476	2,910	2,066	3,441
EMR-MIN	---	233	---	345	---	559
EMR-SG	---	3,927	70	3,982	---	3,648
CCEA	---	284	---	244	---	284
EACL	---	7,092	---	8,072	---	8,685
NEB	---	---	---	---	---	---
ENVIRONNEMENT						
ENV	---	3,925	2,300	9,860	2,300	10,120
ENV-ADM	---	---	---	---	---	---
ENV-SE	---	3,874	2,300	9,804	2,300	10,058
ENV-SPE	---	3,085	---	2,200	---	2,265
ENV-SEA	---	---	---	---	---	---
ENV-SGE	---	345	---	2,588	---	2,588
ENV-FOR	---	444	2,300	5,016	2,300	5,205
ENV-PC	---	51	---	56	---	62
AFFAIRES EXTERIEURES						
AE	---	---	---	---	---	---
AE-ICE	---	---	---	---	---	---
ACDI	---	---	---	---	---	---
CRDI	---	---	---	---	---	---
FINANCES						
FIN	---	---	---	---	---	---
FIN-PFE	---	---	---	---	---	---
PECHES ET OCEANS						
P&O	---	4,956	---	3,286	---	3,350
P&O-GPR	---	4,956	---	3,286	---	3,350
AFFAIRES INDIENNES ET NORD CANADIEN						
AIRC	---	246	---	239	---	274
AIRC-AII	---	67	---	67	---	74
AIRC-AN	---	179	---	172	---	200
INDUSTRIE ET COMMERCE						
IC	54,349	156	64,433	156	90,164	156
IC-CI	52,925	---	63,073	---	89,244	---
IC-TOUR	---	156	---	156	---	156
IC-CGO	1,424	---	1,360	---	920	---
JUSTICE						
JUST	---	---	---	---	---	---
JUST-ADM	---	---	---	---	---	---
JUST-CIUC	---	---	---	---	---	---
CRD	---	---	---	---	---	---
TRAVAIL						
TRAV	---	18	---	30	35	10
DEFENSE NATIONALE						
DEFN	---	17,598	---	26,476	---	28,742
DEFN-SER	---	17,598	---	26,476	---	28,742

AIDE FEDERALE A LA RECHERCHE-DEVELOPPEMENT
DANS L'INDUSTRIE
PAR MINISTERE OU ORGANISME, EN 1978-1981

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79		1979-80		1980-81	
	SUBVENT.	CONTRATS	SUBVENT.	CONTRATS	SUBVENT.	CONTRATS
SANTÉ NATIONALE ET BIEN-ÊTRE SOCIAL						
SNBS	80	197	90	75	90	108
SNBS-ADM	---	---	---	---	---	---
SNBS-SSSS	70	135	75	50	75	68
SNBS-SM	---	---	---	---	---	---
SNBS-PS	10	62	15	25	15	40
SNBS-SAA	---	---	---	---	---	---
CRM	---	---	---	---	---	---
REVENU NATIONAL						
REVN	---	---	---	---	---	---
REVN-IMP	---	---	---	---	---	---
POSTES						
PO	---	82	---	14	---	535
CONSEIL PRIÉ						
CP	---	---	---	---	---	---
CLO	---	---	---	---	---	---
CEC	---	491	---	1,623	---	296
TRAVAUX PUBLICS						
TP	---	413	---	1,690	---	3,238
TP-SPT	---	413	---	1,690	---	3,238
CMHC	---	1,101	89	1,954	125	2,993
CCN	---	---	---	---	---	---
EXPANSION ECONOMIQUE REGIONALE						
EER	---	6	---	17	---	45
SCIENCES ET TECHNOLOGIE						
ST	---	---	---	---	---	---
CNRC	20,587	37,610	26,350	24,548	21,746	19,542
CNRC-RSI	20,587	37,610	26,350	24,548	21,746	19,542
CNRC-IST	---	---	---	---	---	---
CRSNG	---	---	---	---	---	---
CSC	---	25	---	29	---	31
SECRETARIAT D'ÉTAT						
SECE	---	---	---	---	---	---
SECE-LO	---	---	---	---	---	---
SECE-AC	---	---	---	---	---	---
SECE-AE	---	---	---	---	---	---
SECE-TRA	---	---	---	---	---	---
SECE-CIT	---	---	---	---	---	---
SECE-FAS	---	---	---	---	---	---
SRC	---	---	---	---	---	---
ONF	---	---	---	---	---	---
BIBN	---	---	---	---	---	---
MUSN	---	---	---	---	---	---
AP	---	---	---	---	---	---
CFP	---	---	---	---	---	---
CRSHC	---	---	---	---	---	---
SOLLICITEUR GENERAL						
SGEN	---	325	---	527	---	530
SGEN-ADM	---	325	---	527	---	530
GRC	---	---	---	---	---	---
APPROVISIONNEMENTS ET SERVICES						
AS	---	10,211	---	11,845	---	12,035
AS-APP	---	10,211	---	11,845	---	12,035
ACL	---	---	---	---	---	---
TRANSPORTS						
TPT	90	7,130	---	5,524	---	4,679
TPT-ADM	---	5,133	---	5,384	---	4,634
TPT-BAU	---	1,500	---	---	---	---
TPT-AER	---	---	---	140	---	45
TPT-SUR	90	497	---	---	---	---
CTC	---	323	---	199	---	199
CPN	---	---	---	---	---	---
CONSEIL DU TRESOR						
CT	---	---	---	---	---	---
CT-ADM	---	---	---	---	---	---
STCAN	---	---	---	---	---	---
TOTAL	81,595	103,519	109,154	110,513	128,789	112,335

AIDE FEDERALE A LA RECHERCHE-DEVELOPPEMENT
DANS LES UNIVERSITES ET LES INSTITUTIONS A BUT NON-LUCRATIF
PAR MINISTERE OU ORGANISME, EN 1978-1981

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79		1979-80		1980-81	
	SUBVENT.	CONTRATS	SUBVENT.	CONTRATS	SUBVENT.	CONTRATS
AGRICULTURE						
AGR	1.376	1.692	1.376	2.508	1.376	2.822
AGR-ADM	---	7	---	32	---	60
AGR-RES	1.376	1.685	1.376	2.476	1.376	2.762
AGR-PCA	---	---	---	---	---	---
AGR-PIA	---	---	---	---	---	---
AGR-CCG	---	---	---	---	---	---
OCP	---	14	---	20	---	20
COMMUNICATIONS						
COMM	---	765	---	800	---	800
CRTC	25	2	37	---	55	---
CONSOMMATION ET CORPORATIONS						
CC	---	402	---	307	---	270
CC-ADM	---	---	---	---	---	---
CC-CON	---	322	---	236	---	230
CC-COR	---	80	---	71	---	40
CC-EC	---	---	---	---	---	---
CC-PI	---	---	---	---	---	---
EMPLOI ET IMMIGRATION						
EI	---	---	---	---	---	---
EI-ADM	---	---	---	---	---	---
CEIC	---	---	---	---	---	---
CEIC-EA	---	---	---	---	---	---
ENERGIE, MINES ET RESSOURCES						
EMR	3.157	1.267	2.574	1.140	2.854	1.387
EMR-ENER	2.282	697	1.661	467	1.903	566
EMR-MIN	295	174	370	220	342	356
EMR-SG	580	396	543	453	609	465
CCEA	---	464	---	406	---	436
EACL	---	1.118	---	978	---	1.201
NEB	---	---	---	---	---	---
ENVIRONNEMENT						
ENV	2.981	1.425	2.399	2.211	2.212	2.281
ENV-ADM	---	---	---	---	---	---
ENV-SE	2.981	1.355	2.399	2.133	2.212	2.196
ENV-SPE	---	438	---	390	---	390
ENV-SEA	254	277	244	212	288	247
ENV-SGE	1.018	447	263	472	262	472
ENV-FOR	1.709	193	1.892	1.059	1.662	1.087
ENV-PC	---	70	---	78	---	85
AFFAIRES EXTERIEURES						
AE	---	---	---	---	---	---
AE-ICE	---	---	---	---	---	---
ACDI	---	---	---	---	---	---
CRDI	484	---	387	---	616	---
FINANCES						
FIN	---	---	---	---	---	---
FIN-PFE	---	---	---	---	---	---
PECHES ET OCEANS						
P&O	730	1.543	585	1.987	585	2.060
P&O-GPR	730	1.543	585	1.987	585	2.060
AFFAIRES INDIENNES ET NORD CANADIEN						
AINC	428	487	428	522	578	497
AINC-AII	---	137	---	137	---	137
AINC-AN	428	350	428	385	578	360
INDUSTRIE ET COMMERCE						
IC	1.206	---	1.313	---	1.321	---
IC-CI	801	---	963	---	921	---
IC-TOUR	---	---	---	---	---	---
IC-CGO	405	---	350	---	400	---
JUSTICE						
JUST	613	---	974	---	950	---
JUST-ADM	613	---	974	---	950	---
JUST-CIUC	---	---	---	---	---	---
CRD	---	---	---	---	---	---
TRAVAIL						
TRAV	110	---	74	10	75	65
DEFENSE NATIONALE						
DEFN	---	1.800	---	2.700	---	3.010
DEFN-SER	---	1.800	---	2.700	---	3.010

AIDE FEDERALE A LA RECHERCHE-DEVELOPPEMENT
DANS LES UNIVERSITES ET LES INSTITUTIONS A BUT NON-LUCRATIF
PAR MINISTERE OU ORGANISME, EN 1978-1981

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79		1979-80		1980-81	
	SUBVENT.	CONTRATS	SUBVENT.	CONTRATS	SUBVENT.	CONTRATS
SANTÉ NATIONALE ET BIEN-ÊTRE SOCIAL						
SNBS	17,519	1,031	12,402	347	14,725	353
SNBS-ADM	---	---	---	---	---	---
SNBS-SSSS	17,494	661	12,372	183	14,695	108
SNBS-SM	---	---	---	---	---	---
SNBS-PS	25	370	30	164	30	245
SNBS-SAA	---	---	---	---	---	---
CRM	57,129	---	61,650	---	70,780	---
REVENU NATIONAL						
REVN	---	---	---	---	---	---
REVN-IMP	---	---	---	---	---	---
POSTES						
PO	---	---	---	---	---	---
CONSEIL PRIVÉ						
CP	3,477	593	1,522	274	549	---
CLO	---	---	---	---	---	---
CEC	---	205	---	443	---	207
TRAVAUX PUBLICS						
TP	---	63	---	60	---	---
TP-SPT	---	63	---	60	---	---
CMHC	7	158	---	194	---	250
CCN	---	---	---	---	---	---
EXPANSION ECONOMIQUE REGIONALE						
EER	---	---	---	---	---	---
SCIENCES ET TECHNOLOGIE						
ST	---	---	---	---	---	---
CNRC	8,731	954	9,681	2,890	13,642	3,344
CNRC-RSI	8,731	954	9,681	2,890	13,642	3,344
CNRC-IST	---	---	---	---	---	---
CRSNG	97,122	---	104,546	---	136,987	---
CSC	---	144	---	127	---	133
SECRETARIAT D'ÉTAT						
SECE	1,949	460	3,244	476	944	476
SECE-LO	516	---	480	---	480	---
SECE-AC	---	---	---	---	---	---
SECE-AE	---	---	---	---	---	---
SECE-TRA	---	460	---	476	---	476
SECE-CIT	1,433	---	2,764	---	464	---
SECE-FAS	---	---	---	---	---	---
SRC	---	---	---	---	---	---
ONF	---	---	---	---	---	---
BIBN	---	---	---	---	---	---
MUSN	---	---	---	---	---	---
AP	---	---	---	---	---	---
CFP	---	---	---	---	---	---
CRSHC	13,696	---	14,600	---	17,310	---
SOLLICITEUR GÉNÉRAL						
SGEN	320	465	306	572	310	585
SGEN-ADM	320	465	306	572	310	585
GRC	---	---	---	---	---	---
APPROVISIONNEMENTS ET SERVICES						
AS	---	642	---	823	---	861
AS-APP	---	642	---	823	---	861
ACL	---	---	---	---	---	---
TRANSPORTS						
TPT	781	174	766	20	766	---
TPT-ADM	766	---	716	---	716	---
TPT-EAU	---	---	---	---	---	---
TPT-AER	---	17	---	20	---	---
TPT-SUR	15	157	50	---	50	---
CTC	---	221	---	142	---	142
CPN	---	---	---	---	---	---
CONSEIL DU TRÉSOR						
CT	106	---	110	---	113	---
CT-ADM	106	---	110	---	113	---
STCAN	---	---	---	---	---	---
TOTAL	211,947	16,089	218,894	19,957	266,748	21,200

DEPENSES FEDERALES INTRA-MUROS ET EXTRA-MUROS EN ACTIVITES SCIENTIFIQUES CONNEXES

PAR MINISTERE OU ORGANISME

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	INTRA- MUROS	EXTRA- MUROS	TOTAL	INTRA- MUROS	EXTRA- MUROS	TOTAL	INTRA- MUROS	EXTRA- MUROS	TOTAL
AGRICULTURE									
AGR	5,488	968	6,456	5,829	3,213	9,042	6,511	47	6,558
AGR-ADM	2,413	---	2,413	2,424	---	2,424	2,757	---	2,757
AGR-RES	1,519	965	2,484	1,725	3,210	4,935	1,900	44	1,944
AGR-PCA	---	---	---	---	---	---	---	---	---
AGR-PIA	---	---	---	---	---	---	---	---	---
AGR-CCG	1,556	3	1,559	1,680	3	1,683	1,854	3	1,857
OCP	12	5	17	12	5	17	12	5	17
COMMUNICATIONS									
COMM	3,159	665	3,824	3,544	838	4,382	3,938	859	4,797
CRTC	---	---	---	---	---	---	---	---	---
CONSUMMATION ET CORPORATIONS									
CC	9,890	409	10,299	10,535	413	10,948	10,901	476	11,377
CC-ADM	327	7	334	620	105	725	469	92	561
CC-CON	1,400	---	1,400	1,390	---	1,390	1,634	---	1,634
CC-COR	---	---	---	---	---	---	---	---	---
CC-EC	18	402	420	18	308	326	18	384	402
CC-PI	8,145	---	8,145	8,507	---	8,507	8,780	---	8,780
EMPLOI ET IMMIGRATION									
EI	6,686	2,133	8,819	7,884	770	8,654	7,474	837	8,311
EI-ADM	6,686	2,133	8,819	7,884	770	8,654	7,474	837	8,311
CEIC	2,822	1,043	3,865	3,855	1,945	5,800	4,087	2,097	6,184
CEIC-EA	2,822	1,043	3,865	3,855	1,945	5,800	4,087	2,097	6,184
ENERGIE, MINES ET RESSOURCES									
EMR	31,188	10,350	41,538	32,055	5,396	37,451	35,944	6,736	42,680
EMR-ENER	3,092	1,001	4,093	5,604	590	6,194	5,652	845	6,497
EMR-MIN	6,159	58	6,217	6,683	10	6,693	6,850	---	6,850
EMR-SG	21,937	9,291	31,228	19,768	4,796	24,564	23,442	5,891	29,333
CCEA	---	---	---	---	---	---	---	---	---
BACL	3,284	11,668	14,952	3,739	13,515	17,254	4,078	9,509	13,587
NEB	1,620	---	1,620	1,797	---	1,797	2,117	---	2,117
ENVIRONNEMENT									
ENV	132,537	9,633	142,170	138,422	10,524	148,946	152,898	9,417	162,315
ENV-ADM	1,231	---	1,231	1,052	---	1,052	1,399	---	1,399
ENV-SE	123,147	9,260	132,407	128,391	10,106	138,497	141,617	8,950	150,567
ENV-SPE	2,360	473	2,833	2,475	321	2,796	2,668	303	2,971
ENV-SEA	83,156	2,659	85,815	87,912	2,549	90,461	100,863	2,881	103,744
ENV-SGE	34,834	6,025	40,859	34,855	7,236	42,091	35,105	5,766	40,871
ENV-FOR	2,797	103	2,900	3,149	---	3,149	2,981	---	2,981
ENV-PC	8,159	373	8,532	8,979	418	9,397	9,882	467	10,349
AFFAIRES EXTERIEURES									
AE	3,404	1,417	4,821	3,810	1,410	5,220	3,806	1,465	5,271
AE-ICE	3,404	1,417	4,821	3,810	1,410	5,220	3,806	1,465	5,271
ACDI	1,418	23,837	25,255	1,446	25,367	26,813	1,720	26,999	28,719
CRDI	3,993	1,445	5,438	4,026	1,571	5,597	5,279	1,682	6,961
FINANCES									
FIN	7,528	---	7,528	8,493	---	8,493	9,087	---	9,087
FIN-PFE	7,528	---	7,528	8,493	---	8,493	9,087	---	9,087
PECHES ET OCEANS									
P&O	57,987	3,495	61,482	53,888	3,476	57,364	56,053	2,841	58,894
P&O-GPR	57,987	3,495	61,482	53,888	3,476	57,364	56,053	2,841	58,894
AFFAIRES INDIENNES ET NORD CANADIEN									
AINC	1,487	1,542	3,029	1,596	1,667	3,263	1,811	1,754	3,565
AINC-AII	75	1,353	1,428	75	1,353	1,428	80	1,358	1,438
AINC-AN	1,412	189	1,601	1,521	314	1,835	1,731	396	2,127
INDUSTRIE ET COMMERCE									
IC	362	988	1,350	423	1,081	1,504	448	1,012	1,460
IC-CI	300	988	1,288	325	1,081	1,406	350	1,012	1,362
IC-TOUR	62	---	62	98	---	98	98	---	98
IC-CGO	---	---	---	---	---	---	---	---	---
JUSTICE									
JUST	313	447	760	1,680	413	2,093	1,462	541	2,003
JUST-ADM	313	447	760	351	413	764	362	541	903
JUST-CIUC	---	---	---	1,329	---	1,329	1,100	---	1,100
CRD	438	288	726	339	367	706	384	617	1,001
TRAVAIL									
TRAV	2,656	144	2,800	2,661	96	2,757	3,035	175	3,210
DEFENSE NATIONALE									
DEFN	1,496	245	1,741	1,568	164	1,732	1,730	162	1,892
DEFN-SER	1,496	245	1,741	1,568	164	1,732	1,730	162	1,892

DEPENSES FEDERALES INTRA-MUROS ET EXTRA-MUROS EN ACTIVITES SCIENTIFIQUES CONNEXES

PAR MINISTERE OU ORGANISME

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	INTRA- MUROS	EXTRA- MUROS	TOTAL	INTRA- MUROS	EXTRA- MUROS	TOTAL	INTRA- MUROS	EXTRA- MUROS	TOTAL
SANTÉ NATIONALE ET BIEN-ÊTRE SOCIAL									
SNBS	18,882	5,686	24,568	17,880	4,548	22,428	19,622	4,958	24,580
SNBS-ADM	3,022	1,070	4,092	2,807	1,070	3,877	3,235	1,570	4,805
SNBS-SSSS	872	4,252	5,124	840	2,690	3,530	1,119	2,828	3,947
SNBS-SM	---	---	---	---	---	---	---	---	---
SNBS-PS	14,460	364	14,824	13,746	788	14,534	14,737	560	15,297
SNBS-SAA	528	---	528	487	---	487	531	---	531
CRM	85	1,876	1,961	115	2,139	2,254	125	2,324	2,449
REVENU NATIONAL									
REVN	2,536	---	2,536	2,915	---	2,915	3,406	---	3,406
REVN-IMP	2,536	---	2,536	2,915	---	2,915	3,406	---	3,406
POSTES									
PO	399	---	399	319	---	319	220	---	220
CONSEIL PRIVÉ									
CP	243	---	243	6	---	6	---	---	---
CLO	590	---	590	875	---	875	975	---	975
CEC	672	---	672	987	---	987	960	---	960
TRAVAUX PUBLICS									
TP	1,193	997	2,190	1,169	713	1,882	1,196	1,400	2,596
TP-SPT	1,193	997	2,190	1,169	713	1,882	1,196	1,400	2,596
CMHC	3,456	2,140	5,596	3,904	2,405	6,309	4,876	3,204	8,080
CCN	381	---	381	495	---	495	430	---	430
EXPANSION ECONOMIQUE REGIONALE									
EER	2	2,320	2,322	3	2,463	2,466	3	1,486	1,489
SCIENCES ET TECHNOLOGIE									
ST	5,307	468	5,775	5,609	506	6,115	6,511	527	7,038
CNRC	27,242	1,025	28,267	30,503	1,488	31,991	34,488	1,589	36,077
CNRC-RSI	13,569	274	13,843	16,758	1,488	18,246	18,427	1,589	20,016
CNRC-IST	13,673	751	14,424	13,745	---	13,745	16,061	---	16,061
CRSNG	393	9,475	9,868	469	10,338	10,807	739	17,648	18,387
CSC	1,169	---	1,169	1,178	---	1,178	1,347	---	1,347
SECRETARIAT D'ÉTAT									
SECE	2,371	1,057	3,428	2,636	860	3,496	2,862	1,038	3,900
SECE-LO	101	154	255	79	145	224	84	165	249
SECE-AC	285	337	622	389	193	582	404	193	597
SECE-AE	304	---	304	200	---	200	220	---	220
SECE-TRA	1,556	247	1,803	1,899	290	2,189	2,081	290	2,371
SECE-CIT	125	319	444	69	232	301	73	390	463
SECE-FAS	---	---	---	---	---	---	---	---	---
SRC	1,459	1,655	3,114	1,520	1,800	3,320	1,377	2,089	3,466
ONF	175	12	187	187	17	204	231	22	253
BIBN	13,051	24	13,075	14,712	23	14,735	17,155	23	17,178
MUSN	38,481	11,934	50,415	35,313	11,294	46,607	36,250	11,376	47,626
AP	8,347	---	8,347	8,833	---	8,833	9,900	---	9,900
CFP	---	---	---	---	---	---	---	---	---
CRSHC	1,604	13,733	15,337	1,744	13,983	15,727	1,933	15,852	17,785
SOLLICITEUR GÉNÉRAL									
SGEN	380	452	832	431	354	785	350	444	794
SGEN-ADM	380	452	832	431	354	785	350	444	794
GRC	---	---	---	---	---	---	---	---	---
APPROVISIONNEMENTS ET SERVICES									
AS	40	946	986	79	1,867	1,946	151	1,937	2,088
AS-APP	40	946	986	79	1,867	1,946	151	1,937	2,088
ACL	19	---	19	18	---	18	41	---	41
TRANSPORTS									
TPT	15,548	10,066	25,614	9,845	3,276	13,121	6,265	3,039	9,304
TPT-ADM	82	806	888	92	974	1,066	90	924	1,014
TPT-EAU	5,450	---	5,450	6,014	---	6,014	5,432	---	5,432
TPT-AER	68	7,747	7,815	220	2,302	2,522	324	2,115	2,439
TPT-SUR	9,948	1,513	11,461	3,519	---	3,519	419	---	419
CTC	1,942	177	2,119	1,505	118	1,623	1,505	118	1,623
CPN	---	---	---	---	---	---	---	---	---
CONSEIL DU TRÉSOR									
CT	10,408	---	10,408	11,629	---	11,629	11,673	---	11,673
CT-ADM	10,408	---	10,408	11,629	---	11,629	11,673	---	11,673
STCAN	128,588	66	128,654	123,332	31	123,363	135,129	31	135,160
TOTAL	562,731	134,831	697,562	565,813	130,454	696,267	612,495	136,336	748,831

** DEPENSES INTRA-MUROS NE COMPRENNENT PAS LES COÛTS AUTRES QUE LES PROGRAMMES

EFFECTIFS FEDERAUX EMPLOYES DANS LES ACTIVITES SCIENTIFIQUES
 PAR MINISTERE OU ORGANISME, PAR CATEGORIE, EN 1978-79
 (ANNEES-PERSONNES EN EQUIVALENT A PLEIN TEMPS)

MINISTERE OU ORGANISME	DIRECTION	SCIENCES + PROFESSIONS	ADMIN. + SERVICE EXTERIEUR	TECHNIQUE	SOUTIEN ADMINIS- TRATIF	EXPLOI- TATION	PERSONNEL MILITAIRE	TOTAL
AGRICULTURE								
AGR	4	1,078	79	1,102	470	1,435	---	4,168
AGR-ADM	1	99	7	20	70	---	---	197
AGR-RES	3	909	70	960	388	1,395	---	3,725
AGR-PCA	---	---	---	---	---	---	---	---
AGR-PIA	---	51	1	59	4	36	---	151
AGR-CCG	---	19	1	63	8	4	---	95
OCP	0	1	---	---	1	---	---	2
COMMUNICATIONS								
COMM	14	231	60	149	116	65	---	635
CRTC	---	2	2	5	6	---	---	15
CONSOMMATION ET CORPORATIONS								
CC	4	223	22	26	184	3	---	462
CC-ADM	2	8	---	---	3	---	---	13
CC-CON	1	23	9	24	9	3	---	69
CC-COR	---	3	---	1	4	---	---	8
CC-EC	---	12	---	1	5	---	---	18
CC-PI	1	177	13	---	163	---	---	354
EMPLOI ET IMMIGRATION								
EI	7	137	9	24	62	---	---	239
EI-ADM	7	137	9	24	62	---	---	239
CEIC	---	81	7	6	74	---	---	168
CEIC-EA	---	81	7	6	74	---	---	168
ENERGIE, MINES ET RESSOURCES								
EMR	12	979	59	876	328	205	---	2,458
EMR-ENER	5	194	5	112	45	47	---	407
EMR-MIN	4	250	14	160	101	47	---	576
EMR-SG	3	535	40	604	182	111	---	1,475
CCEA	---	5	---	---	1	---	---	6
EACL	15	647	---	828	321	552	---	2,363
NEB	1	36	---	9	16	---	---	62
ENVIRONNEMENT								
ENV	28	1,659	366	2,009	761	166	---	4,989
ENV-ADM	---	18	7	---	20	---	---	45
ENV-SE	28	1,582	355	1,934	710	166	---	4,775
ENV-SPE	2	75	3	55	15	10	---	160
ENV-SEA	5	715	148	1,170	391	66	---	2,495
ENV-SGE	8	361	166	246	304	90	---	1,174
ENV-FOR	13	432	38	464	---	---	---	946
ENV-PC	---	59	4	75	32	---	---	170
AFFAIRES EXTERIEURES								
AE	---	4	62	---	41	---	---	107
AE-ICE	---	4	62	---	41	---	---	107
ACDI	1	11	24	2	18	---	---	56
CRDI	7	88	38	15	69	---	---	217
FINANCES								
FIN	8	115	19	20	47	---	---	209
FIN-PFE	8	115	19	20	47	---	---	209
PECHES ET OCEANS								
P&O	5	566	199	845	336	472	---	2,423
P&O-GPR	5	566	199	845	336	472	---	2,423
AFFAIRES INDIENNES ET NORD CANADIEN								
AINC	3	76	9	12	15	4	---	118
AINC-AII	---	2	2	1	0	---	---	5
AINC-AN	3	74	7	11	15	4	---	113
INDUSTRIE ET COMMERCE								
IC	1	11	109	---	49	1	---	170
IC-CI	1	11	103	---	49	---	---	163
IC-TOUR	---	---	3	---	---	1	---	4
IC-CGO	---	---	3	---	---	---	---	3
JUSTICE								
JUST	---	15	4	1	16	---	---	36
JUST-ADM	---	15	4	1	16	---	---	36
JUST-CIUC	---	---	---	---	---	---	---	---
CRD	3	1	4	---	29	---	---	37
TRAVAIL								
TRAV	2	26	27	20	36	---	---	110
DEFENSE NATIONALE								
DEFN	12	530	96	501	284	302	184	1,909
DEFN-SER	12	530	96	501	284	302	184	1,909

EFFECTIFS FEDERAUX EMPLOYES DANS LES ACTIVITES SCIENTIFIQUES

PAR MINISTERE OU ORGANISME, PAR CATEGORIE, EN 1978-79

(ANNEES-PERSONNES EN EQUIVALENT A PLEIN TEMPS)

MINISTERE OU ORGANISME	DIRECTION	SCIENCES + PROFESSIONS	ADMIN. + SERVICE EXTERIEUR	TECHNIQUE	SOUTIEN ADMINIS- TRATIF	EXPLOI- TATION	PERSONNEL MILITAIRE	TOTAL
SANTÉ NATIONALE ET BIEN-ÊTRE SOCIAL								
SNBS	16	477	47	397	136	27	---	1,099
SNBS-ADM	7	73	17	18	37	---	---	152
SNBS-SSSS	4	32	19	8	21	---	---	84
SNBS-SM	---	2	---	---	1	---	---	3
SNBS-PS	4	363	6	367	74	27	---	841
SNBS-SAA	1	7	5	4	3	---	---	19
CRM	6	2	7	---	25	---	---	40
REVENU NATIONAL								
REVN	2	27	79	3	61	---	---	172
REVN-IMP	2	27	79	3	61	---	---	172
POSTES								
PO	1	9	2	6	4	---	---	22
CONSEIL PRIVÉ								
CP	---	---	9	---	2	---	---	11
CLO	1	---	25	---	1	---	---	27
CEC	3	91	30	12	64	---	---	200
TRAVAUX PUBLICS								
TP	2	32	9	12	1	---	---	55
TP-SPT	2	32	9	12	1	---	---	55
CMHC	9	40	11	52	51	---	---	162
CCN	3	18	1	13	4	6	---	45
EXPANSION ECONOMIQUE REGIONALE								
EER	---	9	3	3	7	3	---	25
SCIENCES ET TECHNOLOGIE								
ST	22	15	79	4	45	3	---	168
CNRC	5	1,035	194	1,004	552	293	---	3,083
CNRC-RSI	5	940	163	1,003	414	290	---	2,815
CNRC-IST	---	95	31	1	138	3	---	268
CRSNG	1	4	21	---	33	---	---	59
CSC	3	13	10	12	22	---	---	60
SECRETARIAT D'ETAT								
SECE	1	16	136	4	58	---	---	215
SECE-LO	---	2	1	---	1	---	---	4
SECE-AC	---	7	1	---	1	---	---	9
SECE-AE	1	4	---	1	1	---	---	7
SECE-TRA	---	---	132	---	53	---	---	185
SECE-CIT	---	3	2	3	2	---	---	10
SECE-FAS	---	---	---	---	---	---	---	---
SRC	4	19	1	31	2	---	---	57
ONF	---	3	---	9	1	---	---	13
BIBN	3	176	33	76	194	12	---	494
MUSN	9	110	219	278	159	251	---	1,026
AP	---	112	8	68	79	---	---	267
CFP	---	2	1	---	1	---	---	4
CRSHC	4	2	44	---	48	---	---	98
SOLLICITEUR GENERAL								
SGEN	1	34	2	3	17	---	---	57
SGEN-ADM	1	34	2	3	17	---	---	57
GRC	---	---	---	---	---	---	---	---
APPROVISIONNEMENTS ET SERVICES								
AS	2	1	73	---	59	---	---	135
AS-APP	2	1	73	---	59	---	---	135
ACL	0	4	---	2	---	---	---	6
TRANSPORTS								
TPT	1	167	---	5	2	9	---	183
TPT-ADM	0	52	---	0	0	0	---	52
TPT-EAU	1	5	---	4	2	9	---	20
TPT-AER	---	108	---	---	---	---	---	108
TPT-SUR	---	2	---	---	---	---	---	2
CTC	1	62	3	22	23	---	---	111
CPN	---	---	---	---	---	---	---	---
CONSEIL DU TRESOR								
CT	22	52	122	3	46	---	---	245
CT-ADM	22	52	122	3	46	---	---	245
STCAN	29	832	744	784	2,679	43	---	5,111
TOTAL	275	9,884	3,108	9,252	7,654	3,852	184	34,208

EFFECTIFS FEDERAUX EMPLOYES DANS LES ACTIVITES SCIENTIFIQUES

PAR MINISTERE OU ORGANISME, PAR CATEGORIE, EN 1979-80

(ANNEES-PERSONNES EN EQUIVALENT A PLEIN TEMPS)

MINISTERE OU ORGANISME	DIRECTION	SCIENCES + PROFESSIONS	ADMIN. + SERVICE EXTERIEUR	TECHNIQUE	SOUTIEN ADMINIS- TRATIF	EXPLOI- TATION	PERSONNEL MILITAIRE	TOTAL
AGRICULTURE								
AGR	8	1,074	108	1,076	471	1,368	---	4,185
AGR-ADM	3	98	7	17	67	---	---	192
AGR-RES	5	905	99	943	391	1,330	---	3,673
AGR-PCA	---	---	---	---	---	---	---	---
AGR-PIA	---	51	1	57	4	35	---	148
AGR-CCG	---	20	1	59	9	3	---	92
OCP	0	1	---	---	1	---	---	2
COMMUNICATIONS								
COMM	17	227	73	149	108	66	---	640
CRTC	---	2	4	5	6	---	---	17
CONSOMMATION ET CORPORATIONS								
CC	5	226	22	26	178	3	---	460
CC-ADM	3	15	---	---	5	---	---	23
CC-CON	1	21	9	25	8	3	---	67
CC-COR	---	2	---	---	2	---	---	4
CC-EC	---	11	---	1	3	---	---	15
CC-PI	1	177	13	---	160	---	---	351
EMPLOI ET IMMIGRATION								
EI	6	85	9	26	61	---	---	187
EI-ADM	6	85	9	26	61	---	---	187
CEIC	---	89	8	11	66	---	---	174
CEIC-EA	---	89	8	11	66	---	---	174
ENERGIE, MINES ET RESSOURCES								
EMR	18	989	54	848	323	189	---	2,421
EMR-ENER	11	224	7	113	49	46	---	450
EMR-MIN	4	243	11	151	98	47	---	554
EMR-SG	3	522	36	584	176	96	---	1,417
CCEA	---	6	---	---	1	---	---	7
EACL	16	645	---	815	315	552	---	2,343
NEB	1	37	1	9	15	---	---	63
ENVIRONNEMENT								
ENV	23	1,515	379	1,918	703	128	---	4,665
ENV-ADM	---	15	8	---	16	---	---	38
ENV-SE	23	1,441	364	1,844	655	126	---	4,453
ENV-SPE	2	78	3	55	15	10	---	162
ENV-SEA	5	656	169	1,145	350	39	---	2,364
ENV-SGE	8	355	167	256	286	77	---	1,149
ENV-FOR	8	353	25	388	4	---	---	778
ENV-PC	---	58	7	74	33	2	---	174
AFFAIRES EXTERIEURES								
AE	---	4	63	---	38	---	---	105
AE-ICE	---	4	63	---	38	---	---	105
ACDI	1	9	26	3	17	---	---	56
CRDI	7	96	37	15	82	---	---	237
FINANCES								
FIN	11	129	21	21	44	---	---	226
FIN-PFE	11	129	21	21	44	---	---	226
PECHES ET OCEANS								
P&O	5	581	178	852	235	474	---	2,325
P&O-GPR	5	581	178	852	235	474	---	2,325
AFFAIRES INDIENNES ET NORD CANADIEN								
AINC	2	75	8	12	11	3	---	109
AINC-AII	---	2	2	1	0	---	---	5
AINC-AN	2	73	6	11	11	3	---	104
INDUSTRIE ET COMMERCE								
IC	1	11	180	---	88	1	---	281
IC-CI	1	11	174	---	88	---	---	274
IC-TOUR	---	---	3	---	---	1	---	4
IC-CGO	---	---	3	---	---	---	---	3
JUSTICE								
JUST	2	15	9	1	23	---	---	50
JUST-ADM	---	15	4	1	17	---	---	37
JUST-CIUC	2	---	5	---	6	---	---	13
CRD	3	1	4	---	29	---	---	37
TRAVAIL								
TRAV	1	24	28	19	36	---	---	107
DEFENSE NATIONALE								
DEFN	12	534	96	501	284	302	187	1,916
DEFN-SER	12	534	96	501	284	302	187	1,916

EFFECTIFS FEDERAUX EMPLOYES DANS LES ACTIVITES SCIENTIFIQUES
 PAR MINISTERE OU ORGANISME, PAR CATEGORIE, EN 1979-80
 (ANNEES-PERSONNES EN EQUIVALENT A PLEIN TEMPS)

MINISTERE OU ORGANISME	DIRECTION	SCIENCES + PROFESSIONS	ADMIN. + SERVICE EXTERIEUR	TECHNIQUE	SOUTIEN ADMINIS- TRATIF	EXPLOI- TATION	PERSONNEL MILITAIRE	TOTAL
SANTÉ NATIONALE ET BIEN-ÊTRE SOCIAL								
SNBS	14	406	39	366	117	24	---	966
SNBS-ADM	5	47	15	16	28	---	---	111
SNBS-SSSS	4	17	12	1	17	---	---	51
SNBS-SM	---	2	---	---	1	---	---	3
SNBS-PS	4	334	7	346	69	24	---	784
SNBS-SAA	1	6	5	4	3	---	---	17
CRM	6	2	6	---	26	---	---	40
REVENU NATIONAL								
REVN	2	27	81	2	73	---	---	185
REVN-IMP	2	27	81	2	73	---	---	185
POSTES								
PO	1	9	2	6	5	---	---	23
CONSEIL PRIVÉ								
CP	---	---	---	---	---	---	---	---
CLO	1	---	24	---	5	---	---	30
CEC	3	73	29	11	61	---	---	177
TRAVAUX PUBLICS								
TP	1	30	9	11	1	---	---	52
TP-SPT	1	30	9	11	1	---	---	52
CMHC	9	35	9	47	47	---	---	146
CCN	3	18	1	14	4	6	---	46
EXPANSION ECONOMIQUE REGIONALE								
EER	---	15	---	3	7	2	---	27
SCIENCES ET TECHNOLOGIE								
ST	21	11	76	5	47	2	---	162
CNRC	5	1,080	204	988	542	286	---	3,105
CNRC-RSI	5	1,024	172	987	418	282	---	2,889
CNRC-IST	---	56	32	1	124	4	---	217
CRSNG	4	2	23	---	32	---	---	61
CSC	3	13	12	13	21	---	---	62
SECRETARIAT D'ÉTAT								
SECE	---	12	142	4	58	---	---	216
SECE-LO	---	2	---	---	1	---	---	3
SECE-AC	---	7	---	2	---	---	---	9
SECE-AE	---	3	---	---	1	---	---	4
SECE-TRA	---	---	141	---	56	---	---	197
SECE-CIT	---	---	1	2	---	---	---	3
SECE-FAS	---	---	---	---	---	---	---	---
SRC	4	19	1	31	2	---	---	57
ONF	---	3	---	9	1	---	---	13
RIBN	3	182	35	46	231	3	---	500
MUSN	8	102	205	281	161	257	---	1,014
AP	---	114	7	72	78	---	---	271
CFP	---	4	---	---	1	---	---	6
CRSHC	4	2	48	---	53	---	---	107
SOLLICITEUR GÉNÉRAL								
SGEN	1	34	2	3	17	---	---	57
SGEN-ADM	1	34	2	3	17	---	---	57
GRC	---	---	---	---	---	---	---	---
APPROVISIONNEMENTS ET SERVICES								
AS	2	1	75	---	60	---	---	138
AS-APP	2	1	75	---	60	---	---	138
ACL	0	4	---	2	---	---	---	6
TRANSPORTS								
TPT	1	179	---	7	2	12	---	202
TPT-ADM	0	55	---	0	0	0	---	56
TPT-EAU	1	6	---	7	2	12	---	28
TPT-AER	---	116	---	---	---	---	---	116
TPT-SUR	---	2	---	---	---	---	---	2
CTC	2	50	1	12	16	---	---	81
CPN	---	---	---	---	---	---	---	---
CONSEIL DU TRÉSOR								
CT	27	13	136	2	40	---	---	218
CT-ADM	27	13	136	2	40	---	---	218
STCAN	28	763	668	725	2,311	39	---	4,534
TOTAL	290	9,577	3,143	8,967	7,153	3,717	187	33,035

EFFECTIFS FEDERAUX EMPLOYES DANS LES ACTIVITES SCIENTIFIQUES
 PAR MINISTERE OU ORGANISME, PAR CATEGORIE, EN 1980-81
 (ANNEES-PERSONNES EN EQUIVALENT A PLEIN TEMPS)

MINISTERE OU ORGANISME	DIRECTION	SCIENCES + PROFESSIONS	ADMIN. + SERVICE EXTERIEUR	TECHNIQUE	SOUTIEN ADMINIS- TRATIF	EXPLOI- TATION	PERSONNEL MILITAIRE	TOTAL
AGRICULTURE								
AGR	8	1,086	107	1,070	455	1,365	---	4,091
AGR-ADM	3	97	5	20	67	---	---	192
AGR-RES	5	918	100	934	375	1,327	---	3,659
AGR-PCA	---	---	---	---	---	---	---	---
AGR-PIA	---	51	1	57	4	35	---	148
AGR-CCG	---	20	1	59	9	3	---	92
OCP	0	1	---	---	1	---	---	2
COMMUNICATIONS								
COMM	17	229	74	151	109	66	---	646
CRTC	---	2	4	5	6	---	---	17
CONSOMMATION ET CORPORATIONS								
CC	4	217	17	27	172	3	---	440
CC-ADM	2	11	---	---	3	---	---	16
CC-CON	1	24	10	26	10	3	---	74
CC-COR	---	2	---	---	2	---	---	4
CC-EC	---	10	---	1	2	---	---	13
CC-PI	1	170	7	---	155	---	---	333
EMPLOI ET IMMIGRATION								
EI	6	79	9	26	61	---	---	181
EI-ADM	6	79	9	26	61	---	---	181
CEIC	---	89	8	11	66	---	---	174
CEIC-EA	---	89	8	11	66	---	---	174
ENERGIE, MINES ET RESSOURCES								
EMR	18	1,008	56	842	319	172	---	2,415
EMR-ENER	11	239	6	118	50	46	---	470
EMR-MIN	4	233	12	145	96	44	---	534
EMR-SG	3	536	38	579	173	82	---	1,411
CCEA	---	6	---	---	1	---	---	7
EACL	116	658	---	820	328	551	---	2,473
NEB	1	38	1	11	14	---	---	65
ENVIRONNEMENT								
ENV	25	1,512	374	1,910	697	128	---	4,645
ENV-ADM	---	16	9	---	20	---	---	44
ENV-SE	25	1,437	358	1,836	645	126	---	4,426
ENV-SPE	2	78	3	55	15	10	---	162
ENV-SEA	5	650	164	1,136	339	39	---	2,333
ENV-SGE	8	354	167	256	286	77	---	1,148
ENV-FOR	10	355	24	389	5	---	---	783
ENV-PC	---	59	7	74	33	2	---	175
AFFAIRES EXTERIEURES								
AE	---	4	63	---	38	---	---	105
AE-ICE	---	4	63	---	38	---	---	105
ACDI	1	9	26	3	17	---	---	56
CRDI	7	96	35	15	77	---	---	230
FINANCES								
FIN	10	135	19	21	38	---	---	223
FIN-PFE	10	135	19	21	38	---	---	223
PECHES ET OCEANS								
P&O	5	581	178	852	235	474	---	2,325
P&O-GPR	5	581	178	852	235	474	---	2,325
AFFAIRES INDIENNES ET NORD CANADIEN								
AINC	2	77	8	10	10	3	---	108
AINC-AII	---	2	2	1	0	---	---	5
AINC-AN	2	75	6	9	10	3	---	103
INDUSTRIE ET COMMERCE								
IC	1	11	225	---	111	1	---	349
IC-CI	1	11	220	---	111	---	---	343
IC-TOUR	---	---	3	---	---	1	---	4
IC-CGO	---	---	2	---	---	---	---	2
JUSTICE								
JUST	2	15	9	---	22	---	---	48
JUST-ADM	---	15	4	---	16	---	---	35
JUST-CIUC	2	---	5	---	6	---	---	13
CRD	3	1	4	---	28	---	---	36
TRAVAIL								
TRAV	3	24	30	20	36	---	---	112
DEFENSE NATIONALE								
DEFN	12	570	99	504	280	300	187	1,952
DEFN-SER	12	570	99	504	280	300	187	1,952

EFFECTIFS FEDERAUX EMPLOYES DANS LES ACTIVITES SCIENTIFIQUES

PAR MINISTERE OU ORGANISME, PAR CATEGORIE, EN 1980-81

(ANNEES-PERSONNES EN EQUIVALENT A PLEIN TEMPS)

MINISTERE OU ORGANISME	DIRECTION	SCIENCES + PROFESSIONS	ADMIN. + SERVICE EXTERIEUR	TECHNIQUE	SOUTIEN ADMINIS- TRATIF	EXPLOI- TATION	PERSONNEL MILITAIRE	TOTAL
SANTÉ NATIONALE ET BIEN-ÊTRE SOCIAL								
SNBS	13	407	40	366	120	25	---	971
SNBS-ADM	5	47	15	16	28	---	---	111
SNBS-SSSS	3	20	13	1	18	---	---	59
SNBS-SM	---	2	---	---	1	---	---	3
SNBS-PS	4	332	7	346	71	25	---	785
SNBS-SAA	1	6	5	4	3	---	---	17
CRM	5	2	7	---	25	---	---	39
REVENU NATIONAL								
REVN	2	31	70	2	79	---	---	184
REVN-IMP	2	31	70	2	79	---	---	184
POSTES								
PO	1	9	2	4	5	---	---	21
CONSEIL PRIVÉ								
CP	---	---	---	---	---	---	---	---
CLO	1	---	25	---	4	---	---	30
CEC	3	66	20	11	57	---	---	157
TRAVAUX PUBLICS								
TP	1	26	9	11	1	---	---	48
TP-SPT	1	26	9	11	1	---	---	48
CMHC	9	43	11	54	52	---	---	169
CCN	2	14	1	12	3	5	---	37
EXPANSION ECONOMIQUE REGIONALE								
EER	---	19	---	3	7	2	---	31
SCIENCES ET TECHNOLOGIE								
ST	21	11	69	5	48	2	---	156
CNRC	5	1,094	207	982	556	287	---	3,131
CNRC-RSI	5	1,039	175	981	430	283	---	2,913
CNRC-IST	---	55	32	1	126	4	---	218
CRSNG	4	1	29	---	41	---	---	75
CSC	3	13	12	13	21	---	---	62
SECRETARIAT D'ETAT								
SECE	---	12	132	4	55	---	---	203
SECE-LO	---	2	---	---	1	---	---	3
SECE-AC	---	7	---	2	---	---	---	9
SECE-AE	---	3	---	---	1	---	---	4
SECE-TRA	---	---	131	---	53	---	---	184
SECE-CIT	---	---	1	2	---	---	---	3
SECE-FAS	---	---	---	---	---	---	---	---
SRC	4	19	1	31	2	---	---	57
ONF	---	6	---	7	1	---	---	14
BIBN	2	187	40	46	223	2	---	500
MUSN	8	102	204	281	161	250	---	1,006
AP	---	113	3	68	82	---	---	266
CFP	---	---	---	---	---	---	---	---
CRSHC	4	2	50	---	49	---	---	105
SOLLICITEUR GENERAL								
SGEN	1	32	3	3	16	---	---	55
SGEN-ADM	1	32	3	3	16	---	---	55
GRC	---	---	---	---	---	---	---	---
APPROVISIONNEMENTS ET SERVICES								
AS	2	1	67	---	65	---	---	135
AS-APP	2	1	67	---	65	---	---	135
ACL	1	6	---	6	---	1	---	13
TRANSPORTS								
TPT	1	175	0	8	3	12	---	200
TPT-ADM	0	53	---	1	0	0	---	54
TPT-EAU	1	5	---	7	3	12	---	27
TPT-AER	---	117	---	1	---	---	---	117
TPT-SUR	---	1	0	0	---	---	---	2
CTC	2	49	1	11	16	---	---	79
CPN	---	---	---	---	---	---	---	---
CONSEIL DU TRESOR								
CT	27	23	130	3	38	---	---	221
CT-ADM	27	23	130	3	38	---	---	221
STCAN	29	732	668	703	2,266	37	---	4,435
TOTAL	391	9,643	3,146	8,931	7,116	3,686	187	33,100

EFFECTIFS FEDERAUX EMPLOYES DANS LES ACTIVITES SCIENTIFIQUES
PAR CATEGORIE, PAR ACTIVITE, EN 1978-81

(ANNEES-PERSONNES EN EQUIVALENT A PLEIN TEMPS)

ACTIVITE	DIRECTION	SCIENCES & PROFESSIONS	ADMINISTR. & SERV. EXTER.	TECHNIQUE	SOUTIEN ADMINISTRATIF	EXPLOITATION	MILITAIRE	TOTAL
1978-79								
INTRA-MUROS R-D	78	5.795	767	4.895	2.007	2.976	163	16.680
INTRA-MUROS ASC	166	3.764	1.932	4.334	5.225	841	11	16.273
ADMIN. DES PROGRAMMES EXTRA-MUROS	31	325	409	22	422	35	10	1.254
TOTAL	275	9.884	3.108	9.252	7.654	3.852	184	34.208
1979-80								
INTRA-MUROS R-D	83	5.646	776	4.742	1.925	2.900	166	16.238
INTRA-MUROS ASC	174	3.609	1.903	4.206	4.765	788	11	15.455
ADMIN. DES PROGRAMMES EXTRA-MUROS	33	322	465	19	463	29	10	1.341
TOTAL	290	9.577	3.143	8.967	7.153	3.717	187	33.035
1980-81								
INTRA-MUROS R-D	184	5.702	776	4.741	1.919	2.892	166	16.380
INTRA-MUROS ASC	175	3.621	1.858	4.172	4.707	766	11	15.310
ADMIN. DES PROGRAMMES EXTRA-MUROS	32	321	512	19	489	28	10	1.410
TOTAL	391	9.643	3.146	8.931	7.116	3.686	187	33.100

2

Sciences naturelles

TABLEAU 21

SCIENCES NATURELLES

DEPENSES FEDERALES EN ACTIVITES SCIENTIFIQUES
PAR EXECUTANT, EN 1978-1981

(\$ MILLIERS)

EXECUTANT	1978-79		1979-80		1980-81	
	\$	%	\$	%	\$	%
INTRA-MUROS	879,491	(62.9)	886,534	(60.4)	975,062	(59.2)
INDUSTRIE	239,774	(17.2)	264,744	(18.0)	287,926	(17.5)
UNIVERSITES	204,045	(14.6)	217,468	(14.8)	273,721	(16.6)
INSTITUTIONS A BUT NON-LUC.	10,776	(0.8)	10,659	(0.7)	11,482	(0.7)
ADMIN. PROV. & MUN.	21,284	(1.5)	41,854	(2.9)	50,714	(3.1)
ETRANGERS	31,717	(2.3)	34,113	(2.3)	37,939	(2.3)
AUTRES CANADIENS	10,670	(0.8)	13,129	(0.9)	9,963	(0.6)
TOTAL	1,397,757	(100.0)	1,468,501	(100.0)	1,646,807	(100.0)

** DEPENSES INTRA-MUROS NE COMPRENENT PAS LES COUTS AUTRES QUE LES PROGRAMMES

DEPENSES FEDERALES EN ACTIVITES SCIENTIFIQUES
TOTAL DES ELEMENTS

ANNEE FINANCIERE 1978-79

(\$ MILLIERS)

	INTERNES	L'INDUSTRIE CANADIENNE	UNIVERSITES CANADIENNES	INST. A BUT NON LUCRATIF	ADMIN. PROV. ET MUNIC.	EXECUTANTS ETRANGERS	AUTRES EXECUTANTS	TOTAL
R-D INTERNES	471.888	0	0	0	0	0	0	471.888
CONTRATS DE R-D	330	100.972	9.554	2.992	1.435	1.690	3.189	120.162
CONTRATS SECONDAIRES	34.867	0	0	0	0	0	0	34.867
SUBV. ET CONTR. DE R-D	0	79.256	177.628	5.284	12.346	24.545	827	299.886
BOURSES DE RECHERCHE	951	1.576	3.116	0	0	3.858	325	9.026
ADMIN. EXTRA-MUROS R-D	17.949	0	0	0	0	0	0	17.949
DEPENSES EN CAPITAL - R-D	57.421	0	0	0	0	0	0	57.421
SOUS-TOTAL R-D	583.486	181.804	190.298	8.276	13.781	29.293	4.341	1.011.199
COLLECTE DE DONNEES	170.012	21.440	1.728	796	4.291	28	2.446	200.741
SERVICES DE RENSEIGNEMENTS	57.213	837	250	888	1.514	872	1.521	63.895
ESSAI ET NORMALISATION	21.157	1.260	334	6	0	3	55	22.815
ETUDES DE FAISABILITE	1.957	34.071	935	48	0	131	27	37.169
AIDE A L'EDUCATION	729	0	10.202	213	0	1.368	972	13.484
MUSEES	11.157	362	298	549	1.698	22	1.308	15.394
ADMIN. EXTRA-MUROS ASC	4.852	0	0	0	0	0	0	4.852
DEPENSES EN CAPITAL - ASC	29.008	0	0	0	0	0	0	29.008
SOUS-TOTAL ASC	296.085	57.970	13.747	2.580	7.503	2.424	6.329	386.558
TOTAL	879.491	239.774	204.045	10.776	21.284	31.717	10.670	1.397.757

ANNEE FINANCIERE 1979-80

(\$ MILLIERS)

	INTERNES	L'INDUSTRIE CANADIENNE	UNIVERSITES CANADIENNES	INST. A BUT NON LUCRATIF	ADMIN. PROV. ET MUNIC.	EXECUTANTS ETRANGERS	AUTRES EXECUTANTS	TOTAL
R-D INTERNES	481.324	0	0	0	0	0	0	481.324
CONTRATS DE R-D	359	105.975	14.226	2.834	513	1.843	3.752	129.502
CONTRATS SECONDAIRES	18.501	0	0	0	0	0	0	18.501
SUBV. ET CONTR. DE R-D	0	107.110	185.366	5.216	32.055	25.839	724	356.310
BOURSES DE RECHERCHE	1.255	1.645	3.666	0	0	3.804	306	10.676
ADMIN. EXTRA-MUROS R-D	23.165	0	0	0	0	0	0	23.165
DEPENSES EN CAPITAL - R-D	67.962	0	0	0	0	0	0	67.962
SOUS-TOTAL R-D	592.566	214.730	203.258	8.050	32.568	31.486	4.782	1.087.448
COLLECTE DE DONNEES	168.458	10.139	1.638	834	6.351	19	2.130	189.569
SERVICES DE RENSEIGNEMENTS	60.783	821	217	895	1.220	892	1.592	66.340
ESSAI ET NORMALISATION	23.354	1.356	226	48	0	0	73	25.049
ETUDES DE FAISABILITE	2.047	37.342	523	48	46	180	17	48.195
AIDE A L'EDUCATION	596	0	11.313	268	0	1.514	3.251	16.934
MUSEES	10.963	356	293	540	1.669	22	1.284	15.127
ADMIN. EXTRA-MUROS ASC	4.083	0	0	0	0	0	0	4.083
DEPENSES EN CAPITAL - ASC	23.764	0	0	0	0	0	0	23.764
SOUS-TOTAL ASC	293.968	50.014	14.210	2.689	9.286	2.627	8.347	381.061
TOTAL	886.534	264.744	217.468	10.659	41.854	34.113	13.129	1.468.501

ANNEE FINANCIERE 1980-81

(\$ MILLIERS)

	INTERNES	L'INDUSTRIE CANADIENNE	UNIVERSITES CANADIENNES	INST. A BUT NON LUCRATIF	ADMIN. PROV. ET MUNIC.	EXECUTANTS ETRANGERS	AUTRES EXECUTANTS	TOTAL
R-D INTERNES	527.388	0	0	0	0	0	0	527.388
CONTRATS DE R-D	378	108.409	15.227	3.426	486	2.411	4.420	134.677
CONTRATS SECONDAIRES	23.393	0	0	0	0	0	0	23.393
SUBV. ET CONTR. DE R-D	0	127.859	233.157	5.258	43.717	28.038	545	438.566
BOURSES DE RECHERCHE	1.482	1.849	4.288	0	0	4.233	310	12.162
ADMIN. EXTRA-MUROS R-D	28.420	0	0	0	0	0	0	28.420
DEPENSES EN CAPITAL - R-D	77.435	0	0	0	0	0	0	77.435
SOUS-TOTAL R-D	658.496	238.117	252.672	8.684	44.123	34.674	5.275	1.242.041
COLLECTE DE DONNEES	180.351	11.216	1.658	816	4.793	19	1.721	200.574
SERVICES DE RENSEIGNEMENTS	66.144	976	198	1.044	37	944	1.678	71.013
ESSAI ET NORMALISATION	25.118	2.474	212	41	0	0	105	27.950
ETUDES DE FAISABILITE	2.128	34.768	485	46	0	194	7	37.548
AIDE A L'EDUCATION	638	0	18.267	282	0	2.085	79	21.343
MUSEES	11.612	375	309	569	1.761	23	1.186	15.755
ADMIN. EXTRA-MUROS ASC	4.607	0	0	0	0	0	0	4.607
DEPENSES EN CAPITAL - ASC	25.896	0	0	0	0	0	0	25.896
SOUS-TOTAL ASC	316.566	49.889	21.049	2.798	6.591	3.265	4.688	404.766
TOTAL	975.062	287.926	273.721	11.482	50.714	37.939	9.963	1.646.807

DEPENSES FEDERALES EN ACTIVITES SCIENTIFIQUES
PAR MINISTERE OU ORGANISME
(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	R-D	ASC	TOTAL	R-D	ASC	TOTAL	R-D	ASC	TOTAL
AGRICULTURE									
AGR	117,651	6,456	124,107	129,616	9,042	138,658	145,320	6,558	151,878
AGR-ADM	---	2,413	2,413	---	2,424	2,424	---	2,757	2,757
AGR-RES	111,388	2,484	113,872	123,456	4,935	128,391	138,497	1,944	140,441
AGR-PCA	---	---	---	---	---	---	---	---	---
AGR-PIA	4,866	---	4,866	4,661	---	4,661	5,176	---	5,176
AGR-CCG	1,397	1,559	2,956	1,499	1,683	3,182	1,647	1,857	3,504
OCF	---	---	---	---	---	---	---	---	---
COMMUNICATIONS									
COMM	55,804	58	55,862	58,734	42	58,776	60,741	48	60,789
CRTC	---	---	---	---	---	---	---	---	---
CONSOMMATION ET CORPORATIONS									
CC	---	9,544	9,544	---	9,897	9,897	---	10,414	10,414
CC-ADM	---	---	---	---	---	---	---	---	---
CC-CON	---	1,399	1,399	---	1,390	1,390	---	1,634	1,634
CC-COR	---	---	---	---	---	---	---	---	---
CC-EC	---	---	---	---	---	---	---	---	---
CC-PI	---	8,145	8,145	---	8,507	8,507	---	8,780	8,780
EMPLOI ET IMMIGRATION									
EI	---	---	---	---	---	---	---	---	---
EI-ADM	---	---	---	---	---	---	---	---	---
CEIC	---	---	---	---	---	---	---	---	---
CEIC-EA	---	---	---	---	---	---	---	---	---
ENERGIE, MINES ET RESSOURCES									
EMR	80,743	35,323	116,066	104,010	29,611	133,621	123,139	33,619	156,758
EMR-ENER	30,190	2,369	32,559	51,044	3,115	54,159	64,067	2,326	66,393
EMR-MIN	11,298	1,726	13,024	11,035	1,932	12,967	13,007	1,960	14,967
EMR-SG	39,255	31,228	70,483	41,931	24,564	66,495	46,065	29,333	75,398
CCCA	847	---	847	863	---	863	945	---	945
EACL	77,036	14,952	91,988	74,011	17,254	91,265	82,865	13,587	96,452
NEB	---	1,215	1,215	---	1,348	1,348	---	1,588	1,588
ENVIRONNEMENT									
ENI	63,296	130,619	193,915	65,400	136,347	201,747	66,440	148,754	215,194
ENI-ADM	432	1,003	1,435	379	860	1,239	399	1,138	1,537
ENI-SE	62,852	129,141	191,993	65,008	134,959	199,967	66,027	147,029	213,056
ENI-SPE	6,201	2,833	9,034	5,116	2,796	7,912	5,163	2,971	8,134
ENI-SEA	11,740	85,815	97,555	9,999	90,461	100,460	10,756	103,744	114,500
ENI-SGE	17,971	37,593	55,564	19,065	38,553	57,618	19,332	37,333	56,665
ENI-FOR	26,940	2,900	29,840	30,828	3,149	33,977	30,776	2,981	33,757
ENI-PC	12	475	487	13	528	541	14	587	601
AFFAIRES EXTERIEURES									
AE	---	---	---	---	---	---	---	---	---
AE-ICE	---	---	---	---	---	---	---	---	---
ACDI	7,888	22,621	30,509	8,510	24,018	32,528	8,516	25,519	34,035
CRDI	18,648	736	19,384	17,824	732	18,556	19,388	784	20,172
FINANCES									
FIN	---	---	---	---	---	---	---	---	---
FIN-PFE	---	---	---	---	---	---	---	---	---
PECHES ET OCEANS									
P&O	60,627	58,742	119,369	54,511	54,804	109,315	56,684	56,219	112,903
P&O-GPR	60,627	58,742	119,369	54,511	54,804	109,315	56,684	56,219	112,903
AFFAIRES INDIENNES ET NORD CANADIEN									
AINC	1,842	484	2,326	1,944	513	2,457	1,938	553	2,491
AINC-AII	---	---	---	---	---	---	---	---	---
AINC-AN	1,842	484	2,326	1,944	513	2,457	1,938	553	2,491
INDUSTRIE ET COMMERCE									
IC	59,489	329	59,818	72,267	545	72,812	101,117	640	101,757
IC-CI	57,592	329	57,921	70,485	545	71,030	99,747	640	100,387
IC-TOUR	---	---	---	---	---	---	---	---	---
IC-CGO	1,897	---	1,897	1,782	---	1,782	1,370	---	1,370
JUSTICE									
JUST	---	---	---	---	---	---	---	---	---
JUST-ADM	---	---	---	---	---	---	---	---	---
JUST-CIUC	---	---	---	---	---	---	---	---	---
CRD	---	---	---	---	---	---	---	---	---
TRAVAIL									
TRAV	---	---	---	---	---	---	---	---	---
DEFENSE NATIONALE									
DEFN	80,797	763	81,560	90,943	786	91,729	101,251	852	102,103
DEFN-SER	80,797	763	81,560	90,943	786	91,729	101,251	852	102,103

DEPENSES FEDERALES EN ACTIVITES SCIENTIFIQUES

PAR MINISTERE OU ORGANISME

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	R-D	ASC	TOTAL	R-D	ASC	TOTAL	R-D	ASC	TOTAL
SANTE NATIONALE ET BIEN-ETRE SOCIAL									
SNBS	20.380	16.444	36.824	16.672	15.758	32.430	19.429	16.553	35.982
SNBS-ADM									
SNBS-SSSS	10.316	1.988	12.304	6.448	1.650	8.098	8.300	1.740	10.040
SNBS-SM	125		125	135		135	142		142
SNBS-PS	9.939	14.456	24.395	10.089	14.108	24.197	10.987	14.813	25.800
SNBS-SAA									
CRM	62.255	1.961	64.216	67.861	2.254	70.115	77.582	2.449	80.031
REVENU NATIONAL									
REPN									
REPN-IMP									
POSTES									
PO									
CONSEIL PRIVE									
CP									
CLO									
CEC									
TRAVAUX PUBLICS									
TP	1.931	2.190	4.121	3.150	1.882	5.032	4.500	2.596	7.096
TP-SPT	1.931	2.190	4.121	3.150	1.882	5.032	4.500	2.596	7.096
CMHC	1.574	625	2.199	2.141	872	3.013	3.306	1.438	4.744
CCH									
EXPANSION ECONOMIQUE REGIONALE									
EER		1.781	1.781		1.669	1.669		472	472
SCIENCES ET TECHNOLOGIE									
ST									
CNRC	168.888	28.267	197.155	179.253	31.991	211.244	191.578	36.077	227.655
CNRC-RSI	168.888	13.843	182.731	179.253	18.246	197.499	191.578	20.016	211.594
CNRC-IST		14.424	14.424		13.745	13.745		16.061	16.061
CRSNG	102.007	9.868	111.875	110.269	10.807	121.076	144.585	18.387	162.972
CSC									
SECRETARIAT D'ETAT									
SECE									
SECE-LO									
SECE-AC									
SECE-AE									
SECE-TRA									
SECE-CIT									
SECE-FAS									
SRC									
ONF	289	187	476	284	204	488	362	253	615
BIBN									
MUSN	2.019	17.035	19.054	2.206	16.159	18.365	2.262	16.612	18.874
AP									
CFP									
CRSHC									
SOLLICITEUR GENERAL									
SGEN									
SGEN-ADM									
GRC									
APPROVISIONNEMENTS ET SERVICES									
AS	11.264	799	12.063	13.137	1.387	14.524	13.675	1.449	15.124
AS-APP	11.264	799	12.063	13.137	1.387	14.524	13.675	1.449	15.124
ACL	115	19	134	132	18	150	205	41	246
TRANSPORTS									
TPT	15.809	25.540	41.349	13.702	13.121	26.823	16.213	9.304	25.517
TPT-ADM	6.846	888	7.734	6.908	1.066	7.974	6.624	1.014	7.638
TPT-EAU	5.174	5.450	10.624	3.518	6.014	9.532	5.363	5.432	10.795
TPT-AER	3.102	7.815	10.917	3.221	2.522	5.743	4.171	2.439	6.610
TPT-SUR	687	11.387	12.074	55	3.519	3.574	55	419	474
CTC									
CPN									
CONSEIL DU TRESOR									
CT									
CT-ADM									
STCAN									
TOTAL	1,011,199	386,558	1,397,757	1,087,440	381,061	1,468,501	1,242,041	404,766	1,646,807

** DEPENSES INTRA-MUROS NE COMPRENNENT PAS LES COUTS AUTRES QUE LES PROGRAMMES

DEPENSES FEDERALES INTRA-MUROS ET EXTRA-MUROS EN ACTIVITES SCIENTIFIQUES

PAR MINISTERE OU ORGANISME

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	INTRA- MUROS	EXTRA- MUROS	TOTAL	INTRA- MUROS	EXTRA- MUROS	TOTAL	INTRA- MUROS	EXTRA- MUROS	TOTAL
AGRICULTURE.									
AGR	118,642	5,465	124,107	129,139	9,519	138,658	143,540	8,338	151,878
AGR-ADM	2,413	---	2,413	2,424	---	2,424	2,757	---	2,757
AGR-RES	108,410	5,462	113,872	118,875	9,516	128,391	132,106	8,335	140,441
AGR-PCA	---	---	---	---	---	---	---	---	---
AGR-PIA	4,866	---	4,866	4,661	---	4,661	5,176	---	5,176
AGR-CCG	2,953	3	2,956	3,179	3	3,182	3,501	3	3,504
OCF	---	---	---	---	---	---	---	---	---
COMMUNICATIONS									
COMM	48,697	7,165	55,862	41,194	17,582	58,776	40,557	20,232	60,789
CRTC	---	---	---	---	---	---	---	---	---
CONSOMMATION ET CORPORATIONS									
CC	9,544	---	9,544	9,897	---	9,897	10,414	---	10,414
CC-ADM	---	---	---	---	---	---	---	---	---
CC-CON	1,399	---	1,399	1,390	---	1,390	1,634	---	1,634
CC-COR	---	---	---	---	---	---	---	---	---
CC-EC	---	---	---	---	---	---	---	---	---
CC-PI	8,145	---	8,145	8,507	---	8,507	8,780	---	8,780
EMPLOI ET IMMIGRATION									
EI	---	---	---	---	---	---	---	---	---
EI-ADM	---	---	---	---	---	---	---	---	---
CEIC	---	---	---	---	---	---	---	---	---
CEIC-EA	---	---	---	---	---	---	---	---	---
ENERGIE, MINES ET RESSOURCES									
EMR	82,034	34,032	116,066	82,527	51,094	133,621	93,962	62,796	156,758
EMR-ENER	13,859	18,700	32,559	13,942	40,217	54,159	15,621	50,772	66,393
EMR-MIN	12,378	646	13,024	12,169	798	12,967	13,798	1,169	14,967
EMR-SG	55,797	14,686	70,483	56,416	10,079	66,495	64,543	10,855	75,398
CCEA	147	700	847	159	704	863	170	775	945
EACL	71,119	20,869	91,988	67,605	23,660	91,265	75,817	20,635	96,452
NEB	1,215	---	1,215	1,348	---	1,348	1,588	---	1,588
ENVIRONNEMENT									
ENV	174,755	19,160	193,915	174,589	27,158	201,747	189,095	26,099	215,194
ENV-ADM	1,435	---	1,435	1,239	---	1,239	1,537	---	1,537
ENV-SE	172,956	19,037	191,993	172,946	27,021	199,967	187,109	25,947	213,056
ENV-SPE	4,546	4,488	9,034	4,641	3,271	7,912	4,816	3,318	8,134
ENV-SEA	94,284	3,271	97,555	97,392	3,068	100,460	111,045	3,455	114,500
ENV-SGE	47,250	8,314	55,564	47,424	10,194	57,618	47,942	8,723	56,665
ENV-FOR	26,876	2,964	29,840	23,489	10,488	33,977	23,306	10,451	33,757
ENV-PC	364	123	487	404	137	541	449	152	601
AFFAIRES EXTERIEURES									
AE	---	---	---	---	---	---	---	---	---
AE-ICE	---	---	---	---	---	---	---	---	---
ACDI	483	30,026	30,509	517	32,011	32,528	565	33,470	34,035
CRDI	2,316	17,068	19,384	2,444	16,112	18,556	2,844	17,328	20,172
FINANCES									
FIN	---	---	---	---	---	---	---	---	---
FIN-PFE	---	---	---	---	---	---	---	---	---
PECHES ET OCEANS									
P&O	107,509	11,860	119,369	99,838	9,477	109,315	103,887	9,016	112,903
P&O-GPR	107,509	11,860	119,369	99,838	9,477	109,315	103,887	9,016	112,903
AFFAIRES INDIENNES ET NORD CANADIEN									
AINC	1,538	788	2,326	1,633	824	2,457	1,664	827	2,491
AINC-AII	---	---	---	---	---	---	---	---	---
AINC-AN	1,538	788	2,326	1,633	824	2,457	1,664	827	2,491
INDUSTRIE ET COMMERCE									
IC	3,720	56,098	59,818	6,432	66,380	72,812	9,413	92,344	101,757
IC-CI	3,652	54,269	57,921	6,360	64,670	71,030	9,363	91,024	100,387
IC-TOUR	---	---	---	---	---	---	---	---	---
IC-CGO	68	1,829	1,897	72	1,710	1,782	50	1,320	1,370
JUSTICE									
JUST	---	---	---	---	---	---	---	---	---
JUST-ADM	---	---	---	---	---	---	---	---	---
JUST-CIUC	---	---	---	---	---	---	---	---	---
CRD	---	---	---	---	---	---	---	---	---
TRAVAIL									
TRAV	---	---	---	---	---	---	---	---	---
DEFENSE NATIONALE									
DEPN	60,962	20,598	81,560	61,153	30,576	91,729	68,551	33,552	102,103
DEPN-SER	60,962	20,598	81,560	61,153	30,576	91,729	68,551	33,552	102,103

DEPENSES FEDERALES INTRA-MUROS ET EXTRA-MUROS EN ACTIVITES SCIENTIFIQUES

PAR MINISTERE OU ORGANISME

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	INTRA- MUROS	EXTRA- MUROS	TOTAL	INTRA- MUROS	EXTRA- MUROS	TOTAL	INTRA- MUROS	EXTRA- MUROS	TOTAL
SANTÉ NATIONALE ET BIEN-ÊTRE SOCIAL									
SNBS	24,214	12,610	36,824	23,830	8,600	32,430	25,582	10,400	35,982
SNBS-ADM	---	---	---	---	---	---	---	---	---
SNBS-SSSS	680	11,624	12,304	610	7,488	8,098	560	9,480	10,040
SNBS-SM	125	---	125	135	---	135	142	---	142
SNBS-PS	23,409	986	24,395	23,085	1,112	24,197	24,880	920	25,800
SNBS-SAA	---	---	---	---	---	---	---	---	---
CRM	1,214	63,002	64,216	1,439	68,676	70,115	1,556	78,475	80,031
REVENU NATIONAL									
REVN	---	---	---	---	---	---	---	---	---
REVN-IMP	---	---	---	---	---	---	---	---	---
POSTES									
PO	---	---	---	---	---	---	---	---	---
CONSEIL PRIÉ									
CP	---	---	---	---	---	---	---	---	---
CLO	---	---	---	---	---	---	---	---	---
CEC	---	---	---	---	---	---	---	---	---
TRAVAUX PUBLICS									
TP	2,600	1,521	4,121	2,534	2,498	5,032	2,458	4,638	7,096
TP-SPT	2,600	1,521	4,121	2,534	2,498	5,032	2,458	4,638	7,096
CMHC	1,202	997	2,199	1,582	1,431	3,013	1,717	3,027	4,744
CCN	---	---	---	---	---	---	---	---	---
EXPANSION ECONOMIQUE REGIONALE									
EER	---	1,781	1,781	---	1,669	1,669	---	472	472
SCIENCES ET TECHNOLOGIE									
ST	---	---	---	---	---	---	---	---	---
CNRC	127,034	70,121	197,155	143,992	67,252	211,244	164,814	62,841	227,655
CNRC-RSI	113,361	69,370	182,731	130,247	67,252	197,499	148,753	62,841	211,594
CNRC-IST	13,673	751	14,424	13,745	---	13,745	16,061	---	16,061
CRSNG	1,964	109,911	111,875	2,346	118,730	121,076	3,697	159,275	162,972
CSC	---	---	---	---	---	---	---	---	---
SECRETARIAT D'ETAT									
SECE	---	---	---	---	---	---	---	---	---
SECE-LO	---	---	---	---	---	---	---	---	---
SECE-AC	---	---	---	---	---	---	---	---	---
SECE-AE	---	---	---	---	---	---	---	---	---
SECE-TRA	---	---	---	---	---	---	---	---	---
SECE-CIT	---	---	---	---	---	---	---	---	---
SECE-FAS	---	---	---	---	---	---	---	---	---
SRC	---	---	---	---	---	---	---	---	---
ONF	464	12	476	471	17	488	593	22	615
BIBN	---	---	---	---	---	---	---	---	---
MUSN	14,708	4,346	19,054	14,096	4,269	18,365	14,622	4,252	18,874
AP	---	---	---	---	---	---	---	---	---
CFP	---	---	---	---	---	---	---	---	---
CRSHC	---	---	---	---	---	---	---	---	---
SOLLICITEUR GENERAL									
SGEN	---	---	---	---	---	---	---	---	---
SGEN-ADM	---	---	---	---	---	---	---	---	---
GRC	---	---	---	---	---	---	---	---	---
APPROVISIONNEMENTS ET SERVICES									
AS	463	11,600	12,063	574	13,950	14,524	1,024	14,100	15,124
AS-APP	463	11,600	12,063	574	13,950	14,524	1,024	14,100	15,124
ACL	134	---	134	150	---	150	246	---	246
TRANSPORTS									
TPT	22,813	18,536	41,349	17,045	9,778	26,823	16,686	8,831	25,517
TPT-ADM	583	7,151	7,734	683	7,291	7,974	1,097	6,541	7,638
TPT-EAU	9,124	1,500	10,624	9,532	---	9,532	10,795	---	10,795
TPT-AER	3,153	7,764	10,917	3,306	2,437	5,743	4,370	2,240	6,610
TPT-SUR	9,953	2,121	12,074	3,524	50	3,574	424	50	474
CTC	---	---	---	---	---	---	---	---	---
CPN	---	---	---	---	---	---	---	---	---
CONSEIL DU TRESOR									
CT	---	---	---	---	---	---	---	---	---
CT-ADM	---	---	---	---	---	---	---	---	---
STCAN	---	---	---	---	---	---	---	---	---
TOTAL	879,491	518,266	1,397,757	886,534	581,967	1,468,501	975,062	671,745	1,646,807

** DEPENSES INTRA-MUROS NE COMPRENNENT PAS LES COUTS AUTRES QUE LES PROGRAMMES

DEPENSES FEDERALES EN ACTIVITES SCIENTIFIQUES
INTRA-MUROS, PAR MINISTERE OU ORGANISME
(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	R-D	ASC	TOTAL	R-D	ASC	TOTAL	R-D	ASC	TOTAL
AGRICULTURE									
AGR	113,154	5,488	118,642	123,310	5,829	129,139	137,029	6,511	143,540
AGR-ADM	---	2,413	2,413	---	2,424	2,424	---	2,757	2,757
AGR-RES	106,891	1,519	108,410	117,150	1,725	118,875	130,206	1,900	132,106
AGR-PIA	4,866	---	4,866	4,661	---	4,661	5,176	---	5,176
AGR-CCG	1,397	1,556	2,953	1,499	1,680	3,179	1,647	1,854	3,501
COMMUNICATIONS									
COMM	48,639	58	48,697	41,152	42	41,194	40,509	48	40,557
CONSOMMATION ET CORPORATIONS									
CC	---	9,544	9,544	---	9,897	9,897	---	10,414	10,414
CC-CON	---	1,399	1,399	---	1,390	1,390	---	1,634	1,634
CC-PI	---	8,145	8,145	---	8,507	8,507	---	8,780	8,780
EMPLOI ET IMMIGRATION									
ENERGIE, MINES ET RESSOURCES									
EMR	56,421	25,613	82,034	57,752	24,775	82,527	66,359	27,603	93,962
EMR-ENER	11,909	1,950	13,859	10,867	3,075	13,942	13,420	2,201	15,621
EMR-MIN	10,652	1,726	12,378	10,237	1,932	12,169	11,838	1,960	13,798
EMR-SG	33,860	21,937	55,797	36,648	19,768	56,416	41,101	23,442	64,543
CCEA	147	---	147	159	---	159	170	---	170
EACL	67,835	3,284	71,119	63,866	3,739	67,605	71,739	4,078	75,817
NEB	---	1,215	1,215	---	1,348	1,348	---	1,588	1,588
ENVIRONNEMENT									
ENV	53,343	121,412	174,755	48,070	126,519	174,589	49,028	140,067	189,095
ENV-ADM	432	1,003	1,435	379	860	1,239	399	1,138	1,537
ENV-SE	52,899	120,057	172,956	47,678	125,268	172,946	48,615	138,494	187,109
ENV-SPE	2,186	2,360	4,546	2,166	2,475	4,641	2,148	2,668	4,816
ENV-SEA	11,128	83,156	94,284	9,480	87,912	97,392	10,182	100,863	111,045
ENV-SGE	15,506	31,744	47,250	15,692	31,732	47,424	15,960	31,982	47,942
ENV-FOR	24,079	2,797	26,876	20,340	3,149	23,489	20,325	2,981	23,306
ENV-PC	12	352	364	13	391	404	14	435	449
AFFAIRES EXTERIEURES									
ACDI	125	358	483	135	382	517	141	424	565
CRDI	2,151	165	2,316	2,284	160	2,444	2,664	180	2,844
FINANCES									
PECHES ET OCEANS									
P&O	51,962	55,547	107,509	48,210	51,628	99,838	50,209	53,678	103,887
P&O-GPR	51,962	55,547	107,509	48,210	51,628	99,838	50,209	53,678	103,887
AFFAIRES INDIENNES ET NORD CANADIEN									
AINC	1,063	475	1,538	1,141	492	1,633	1,132	532	1,664
AINC-AN	1,063	475	1,538	1,141	492	1,633	1,132	532	1,664
INDUSTRIE ET COMMERCE									
IC	3,720	---	3,720	6,432	---	6,432	9,413	---	9,413
IC-CI	3,652	---	3,652	6,360	---	6,360	9,363	---	9,363
IC-CGO	68	---	68	72	---	72	50	---	50
JUSTICE									
TRAVAIL									
DEFENSE NATIONALE									
DEFN	60,199	763	60,962	60,367	786	61,153	67,699	852	68,551
DEFN-SER	60,199	763	60,962	60,367	786	61,153	67,699	852	68,551

DEPENSES FEDERALES EN ACTIVITES SCIENTIFIQUES

INTRA-MUROS, PAR MINISTERE OU ORGANISME

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	R-D	ASC	TOTAL	R-D	ASC	TOTAL	R-D	ASC	TOTAL
SANTÉ NATIONALE ET BIEN-ÊTRE SOCIAL									
SNBS	9,987	14,227	24,214	10,369	13,461	23,830	11,189	14,393	25,582
SNBS-SSSS	545	135	680	469	141	610	420	140	560
SNBS-SM	125	---	125	135	---	135	142	---	142
SNBS-PS	9,317	14,092	23,409	9,765	13,320	23,085	10,627	14,253	24,880
CRM	1,129	85	1,214	1,324	115	1,439	1,431	125	1,556
REVENU NATIONAL									
POSTES									
CONSEIL PRIVÉ									
TRAVAUX PUBLICS									
TP	1,407	1,193	2,600	1,365	1,169	2,534	1,262	1,196	2,458
TP-SPT	1,407	1,193	2,600	1,365	1,169	2,534	1,262	1,196	2,458
CMHC	751	451	1,202	1,030	552	1,582	1,175	542	1,717
EXPANSION ÉCONOMIQUE RÉGIONALE									
SCIENCES ET TECHNOLOGIE									
CNRC	99,792	27,242	127,034	113,489	30,503	143,992	130,326	34,488	164,814
CNRC-RSI	99,792	13,569	113,361	113,489	16,758	130,247	130,326	18,427	148,753
CNRC-IST	---	13,673	13,673	---	13,745	13,745	---	16,061	16,061
CRSNG	1,571	393	1,964	1,877	469	2,346	2,958	739	3,697
SECRETARIAT D'ÉTAT									
ONF	289	175	464	284	187	471	362	231	593
MUSN	1,910	12,798	14,708	2,101	11,995	14,096	2,153	12,469	14,622
SOLLICITEUR GÉNÉRAL									
APPROVISIONNEMENTS ET SERVICES									
AS	431	32	463	517	57	574	922	102	1,024
AS-APP	431	32	463	517	57	574	922	102	1,024
ACL	115	19	134	132	18	150	205	41	246
TRANSPORTS									
TPT	7,265	15,548	22,813	7,200	9,845	17,045	10,421	6,265	16,686
TPT-ADM	501	82	583	591	92	683	1,007	90	1,097
TPT-EAU	3,674	5,450	9,124	3,518	6,014	9,532	5,363	5,432	10,795
TPT-AER	3,085	68	3,153	3,086	220	3,306	4,046	324	4,370
TPT-SUR	5	9,948	9,953	5	3,519	3,524	5	419	424
CONSEIL DU TRÉSOR									
TOTAL	583,406	296,085	879,491	592,566	293,968	886,534	658,496	316,566	975,062

** DEPENSES INTRA-MUROS NE COMPRENNENT PAS LES COÛTS AUTRES QUE LES PROGRAMMES

DEPENSES FEDERALES EN ACTIVITES SCIENTIFIQUES

INDUSTRIE, PAR MINISTERE OU ORGANISME

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	R-D	ASC	TOTAL	R-D	ASC	TOTAL	R-D	ASC	TOTAL
AGRICULTURE									
AGR	1,147	---	1,147	2,109	---	2,109	1,893	---	1,893
AGR-RES	1,147	---	1,147	2,109	---	2,109	1,893	---	1,893
COMMUNICATIONS									
COMM	6,092	---	6,092	15,739	---	15,739	17,923	---	17,923
CONSOMMATION ET CORPORATIONS									
EMPLOI ET IMMIGRATION									
ENERGIE, MINES ET RESSOURCES									
EMR	8,116	8,587	16,703	9,783	4,161	13,944	9,714	5,560	15,274
EMR-ENER	3,956	419	4,375	5,386	40	5,426	5,507	125	5,632
EMR-MIN	233	---	233	345	---	345	559	---	559
EMR-SG	3,927	8,168	12,095	4,052	4,121	8,173	3,648	5,435	9,083
CCEA	204	---	204	244	---	244	284	---	284
EACL	7,092	11,630	18,722	8,072	13,479	21,551	8,685	9,474	18,159
ENVIRONNEMENT									
ENV	3,848	2,442	6,290	12,019	1,411	13,430	12,273	1,507	13,780
ENV-SE	3,848	2,332	6,180	12,019	1,289	13,308	12,273	1,371	13,644
ENV-SPE	3,085	390	3,475	2,200	253	2,453	2,265	245	2,510
ENV-SEA	---	620	620	---	426	426	---	516	516
ENV-SGE	319	1,233	1,552	2,503	610	3,113	2,503	610	3,113
ENV-FOR	444	89	533	7,316	---	7,316	7,505	---	7,505
ENV-PC	---	110	110	---	122	122	---	136	136
AFFAIRES EXTERIEURES									
ACDI	---	21,332	21,332	---	22,612	22,612	---	23,969	23,969
FINANCES									
PECHES ET OCEANS									
P&O	4,956	1,859	6,815	3,286	1,952	5,238	3,350	1,965	5,315
P&O-GPR	4,956	1,859	6,815	3,286	1,952	5,238	3,350	1,965	5,315
AFFAIRES INDIENNES ET NORD CANADIEN									
AINC	179	9	188	172	21	193	200	21	221
AINC-AN	179	9	188	172	21	193	200	21	221
INDUSTRIE ET COMMERCE									
IC	54,349	---	54,349	64,433	---	64,433	90,164	---	90,164
IC-CI	52,925	---	52,925	63,073	---	63,073	89,244	---	89,244
IC-CGO	1,424	---	1,424	1,360	---	1,360	920	---	920
JUSTICE									
TRAVAIL									
DEFENSE NATIONALE									
DEFN	17,598	---	17,598	26,476	---	26,476	28,742	---	28,742
DEFN-SER	17,598	---	17,598	26,476	---	26,476	28,742	---	28,742
SANTE NATIONALE ET BIEN-ETRE SOCIAL									
SNBS	157	143	300	85	323	408	115	210	325
SNBS-SSSS	85	---	85	45	---	45	60	---	60
SNBS-PS	72	143	215	40	323	363	55	210	265
REVENU NATIONAL									
POSTES									
CONSEIL PRIVE									
TRAVAUX PUBLICS									
TP	413	922	1,335	1,690	638	2,328	3,238	1,280	4,518
TP-SPT	413	922	1,335	1,690	638	2,328	3,238	1,280	4,518
CMHC	732	153	885	930	227	1,157	1,910	798	2,708
EXPANSION ECONOMIQUE REGIONALE									
EER	---	30	30	---	---	0	---	---	0
SCIENCES ET TECHNOLOGIE									
CNRC	58,197	274	58,471	50,898	679	51,577	41,288	707	41,995
CNRC-RSI	58,197	274	58,471	50,898	679	51,577	41,288	707	41,995
CRSNG	1,576	---	1,576	1,645	---	1,645	1,849	---	1,849
SECRETARIAT D'ETAT									
ONF	---	12	12	---	12	12	---	17	17
MUSN	---	362	362	---	356	356	---	375	375
SOLLICITEUR GENERAL									
APPROVISIONNEMENTS ET SERVICES									
AS	10,058	385	10,443	11,700	876	12,576	11,825	887	12,712
AS-APP	10,058	385	10,443	11,700	876	12,576	11,825	887	12,712
TRANSPORTS									
TPT	7,090	9,830	16,920	5,449	3,267	8,716	4,664	3,039	7,703
TPT-ADM	5,043	775	5,818	5,334	974	6,308	4,634	924	5,558
TPT-EAU	1,500	---	1,500	---	---	0	---	---	0
TPT-AER	---	7,743	7,743	115	2,293	2,408	30	2,115	2,145
TPT-SUR	547	1,312	1,859	---	---	0	---	---	0
CONSEIL DU TRESOR									
TOTAL	181,804	57,970	239,774	214,730	50,014	264,744	238,117	49,809	287,926

** DEPENSES INTRA-MUROS NE COMPRENNENT PAS LES COUTS AUTRES QUE LES PROGRAMMES

DEPENSES FEDERALES EN ACTIVITES SCIENTIFIQUES

UNIVERSITES, PAR MINISTERE OU ORGANISME

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	R-D	ASC	TOTAL	R-D	ASC	TOTAL	R-D	ASC	TOTAL
AGRICULTURE									
AGR	2,735	---	2,735	3,647	---	3,647	3,628	---	3,628
AGR-RES	2,735	---	2,735	3,647	---	3,647	3,628	---	3,628
COMMUNICATIONS									
COMM	765	---	765	800	---	800	800	---	800
CONSOMMATION ET CORPORATIONS									
EMPLOI ET IMMIGRATION									
ENERGIE, MINES ET RESSOURCES									
EMR	2,481	735	3,216	1,881	323	2,204	2,323	193	2,516
EMR-ENER	1,313	---	1,313	542	---	542	800	---	800
EMR-MIN	216	---	216	349	---	349	393	---	393
EMR-SG	952	735	1,687	990	323	1,313	1,050	193	1,243
CCEA	408	---	408	386	---	386	406	---	406
EACL	769	38	807	978	36	1,014	1,011	35	1,046
ENVIRONNEMENT									
ENV	2,558	450	3,008	1,912	316	2,228	2,120	362	2,482
ENV-SE	2,558	437	2,995	1,912	301	2,213	2,120	346	2,466
ENV-SPE	356	---	356	315	---	315	315	---	315
ENV-SEA	426	223	649	393	256	639	535	301	836
ENV-SGE	1,342	214	1,556	398	45	433	388	45	433
ENV-FOR	434	---	434	826	---	826	882	---	882
ENV-PC	---	13	13	---	15	15	---	16	16
AFFAIRES EXTERIEURES									
ACDI	---	611	611	---	672	672	---	739	739
CRDI	258	---	258	231	---	231	335	---	335
FINANCES									
PECHES ET OCEANS									
P&O	836	8	844	1,193	8	1,201	1,220	8	1,228
P&O-GPR	836	8	844	1,193	8	1,201	1,220	8	1,228
AFFAIRES INDIENNES ET NORD CANADIEN									
AINC	591	---	591	626	---	626	601	---	601
AINC-AN	591	---	591	626	---	626	601	---	601
INDUSTRIE ET COMMERCE									
IC	641	317	958	737	500	1,237	710	595	1,305
IC-CI	586	317	903	737	500	1,237	685	595	1,280
IC-CGO	55	---	55	---	---	0	25	---	25
JUSTICE									
TRAVAIL									
DEFENSE NATIONALE									
DEFN	1,800	---	1,800	2,700	---	2,700	3,010	---	3,010
DEFN-SER	1,800	---	1,800	2,700	---	2,700	3,010	---	3,010
SANTE NATIONALE ET BIEN-ETRE SOCIAL									
SNBS	8,515	1,462	9,977	4,965	1,362	6,327	6,832	1,320	8,152
SNBS-SSSS	8,382	1,313	9,695	4,935	1,053	5,988	6,787	1,118	7,905
SNBS-PS	133	149	282	30	309	339	45	202	247
CRM	59,123	1,752	60,875	64,023	2,015	66,038	73,388	2,188	75,576
REVENU NATIONAL									
POSTES									
CONSEIL PRIVE									
TRAVAUX PUBLICS									
TP	63	---	63	60	---	60	---	---	0
TP-SPT	63	---	63	60	---	60	---	---	0
CMHC	7	---	7	52	2	54	63	3	66
EXPANSION ECONOMIQUE REGIONALE									
SCIENCES ET TECHNOLOGIE									
CNRC	9,649	---	9,649	12,431	---	12,431	16,846	---	16,846
CNRC-RSI	9,649	---	9,649	12,431	---	12,431	16,846	---	16,846
CRSNG	97,343	7,682	105,025	104,925	8,327	113,252	137,681	14,946	152,627
SECRETARIAT D'ETAT									
ONF	---	---	0	---	5	5	---	5	5
MUSN	---	298	298	---	293	293	---	309	309
SOLLICITEUR GENERAL									
APPROVISIONNEMENTS ET SERVICES									
AS	613	249	862	728	342	1,070	735	346	1,081
AS-APP	613	249	862	728	342	1,070	735	346	1,081
TRANSPORTS									
TPT	1,143	145	1,288	983	9	992	963	---	963
TPT-ADM	1,041	22	1,063	963	---	963	963	---	963
TPT-AER	17	4	21	20	9	29	---	---	0
TPT-SUR	85	119	204	---	---	0	---	---	0
CONSEIL DU TRESOR									
TOTAL	190,298	13,747	204,045	203,258	14,210	217,468	252,672	21,049	273,721

** DEPENSES INTRA-MUROS NE COMPRENNENT PAS LES COUTS AUTRES QUE LES PROGRAMMES

DEPENSES FEDERALES EN ACTIVITES SCIENTIFIQUES
INSTITUTIONS A BUT NON-LUC., PAR MINISTERE OU ORGANISME
(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	R-D	ASC	TOTAL	R-D	ASC	TOTAL	R-D	ASC	TOTAL
AGRICULTURE									
AGR	326	---	326	205	---	205	510	---	510
AGR-RES	326	---	326	205	---	205	510	---	510
COMMUNICATIONS									
CONSUMMATION ET CORPORATIONS									
EMPLOI ET IMMIGRATION									
ENERGIE, MINES ET RESSOURCES									
EMR	1,818	81	1,899	1,496	41	1,537	1,581	30	1,611
EMR-ENER	1,666	---	1,666	1,416	---	1,416	1,419	---	1,419
EMR-MIN	128	---	128	74	---	74	138	---	138
EMR-SG	24	81	105	6	41	47	24	30	54
CCEA	56	---	56	20	---	20	30	---	30
EACL	349	---	349	---	---	0	190	---	190
ENVIRONNEMENT									
ENV	1,745	65	1,810	2,555	20	2,575	2,223	16	2,239
ENV-SE	1,745	65	1,810	2,555	20	2,575	2,223	16	2,239
ENV-SPE	82	---	82	75	---	75	75	---	75
ENV-SEA	105	16	121	73	20	93	---	16	16
ENV-SGE	90	49	139	282	---	282	281	---	281
ENV-FOR	1,468	---	1,468	2,125	---	2,125	1,867	---	1,867
AFFAIRES EXTERIEURES									
ACDI	---	196	196	---	215	215	---	237	237
CRDI	---	---	0	---	---	0	100	---	100
FINANCES									
PECHES ET OCEANS									
P&O	1,494	258	1,752	1,432	325	1,757	1,485	325	1,810
P&O-GPR	1,494	258	1,752	1,432	325	1,757	1,485	325	1,810
AFFAIRES INDIENNES ET NORD CANADIEN									
AINC	3	---	3	3	---	3	3	---	3
AINC-AN	3	---	3	3	---	3	3	---	3
INDUSTRIE ET COMMERCE									
IC	350	---	350	350	45	395	375	45	420
IC-CI	---	12	12	---	45	45	---	45	45
IC-CGO	350	---	350	350	---	350	375	---	375
JUSTICE									
TRAVAIL									
DEFENSE NATIONALE									
SANTE NATIONALE ET BIEN-ETRE SOCIAL									
SNBS	1,467	547	2,014	1,094	561	1,655	1,214	557	1,771
SNBS-SSSS	1,205	540	1,745	930	456	1,386	984	482	1,466
SNBS-PS	262	7	269	164	105	269	230	75	305
CRM	---	100	100	---	100	100	---	110	110
REVENU NATIONAL									
POSTES									
CONSEIL PRIVE									
TRAVAUX PUBLICS									
TP	---	20	20	---	20	20	---	27	27
TP-SPT	---	20	20	---	20	20	---	27	27
CMHC	32	5	37	64	16	80	78	20	98
EXPANSION ECONOMIQUE REGIONALE									
SCIENCES ET TECHNOLOGIE									
CNRC	36	---	36	140	---	140	140	---	140
CNRC-RSI	36	---	36	140	---	140	140	---	140
CRSNG	569	569	1,138	614	655	1,269	679	790	1,469
SECRETARIAT D'ETAT									
MUSN	---	549	549	---	540	540	---	569	569
SOLLICITEUR GENERAL									
APPROVISIONNEMENTS ET SERVICES									
AS	21	93	114	27	71	98	26	72	98
AS-APP	21	93	114	27	71	98	26	72	98
TRANSPORTS									
TPT	10	5	15	50	---	50	50	---	50
TPT-ADM	---	5	5	---	---	0	---	---	0
TPT-SUR	10	---	10	50	---	50	50	---	50
CONSEIL DU TRESOR									
TOTAL	8,276	2,500	10,776	8,050	2,609	10,659	8,684	2,798	11,482

** DEPENSES INTRA-MUROS NE COMPRENNENT PAS LES COUTS AUTRES QUE LES PROGRAMMES

DEPENSES FEDERALES EN ACTIVITES SCIENTIFIQUES
ADMIN. PROV. & MUN., PAR MINISTERE OU ORGANISME
(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	R-D	ASC	TOTAL	R-D	ASC	TOTAL	R-D	ASC	TOTAL
AGRICULTURE									
AGR	127	---	127	168	---	168	2,004	---	2,004
AGR-RES	127	---	127	168	---	168	2,004	---	2,004
COMMUNICATIONS									
CONSOMMATION ET CORPORATIONS									
EMPLOI ET IMMIGRATION									
ENERGIE, MINES ET RESSOURCES									
EMR	11,372	200	11,572	31,959	200	32,159	41,809	100	41,909
EMR-ENER	11,179	---	11,179	31,909	---	31,909	41,809	---	41,809
EMR-SG	193	200	393	50	200	250	---	100	100
CCEA	---	---	0	39	---	39	45	---	45
ENVIRONNEMENT									
ENV	838	3,839	4,677	154	5,654	5,808	145	4,209	4,354
ENV-SE	838	3,839	4,677	154	5,654	5,808	145	4,209	4,354
ENV-SPE	76	---	76	60	---	60	60	---	60
ENV-SEA	29	78	107	---	75	75	---	100	100
ENV-SGE	712	3,761	4,473	---	5,579	5,579	---	4,109	4,109
ENV-FOR	21	---	21	94	---	94	85	---	85
AFFAIRES EXTERIEURES									
FINANCES									
PECHES ET OCEANS									
P&O	888	15	903	---	68	68	---	20	20
P&O-GPR	888	15	903	---	68	68	---	20	20
AFFAIRES INDIENNES ET NORD CANADIEN									
INDUSTRIE ET COMMERCE									
JUSTICE									
TRAVAIL									
DEFENSE NATIONALE									
SANTE NATIONALE ET BIEN-ETRE SOCIAL									
SNBS	4	---	4	33	12	45	35	12	47
SNBS-SSSS	4	---	4	33	---	33	35	---	35
SNBS-PS	---	---	0	---	12	12	---	12	12
REVENU NATIONAL									
POSTES									
CONSEIL PRIVE									
TRAVAUX PUBLICS									
CMHC	46	---	46	53	14	67	65	17	82
EXPANSION ECONOMIQUE REGIONALE									
EER	---	1,751	1,751	---	1,669	1,669	---	472	472
SCIENCES ET TECHNOLOGIE									
CNRC	245	---	245	142	---	142	---	---	0
CNRC-RSI	245	---	245	142	---	142	---	---	0
SECRETARIAT D'ETAT									
MUSN	---	1,698	1,698	---	1,669	1,669	---	1,761	1,761
SOLLICITEUR GENERAL									
APPROVISIONNEMENTS ET SERVICES									
TRANSPORTS									
TPT	261	---	261	20	---	20	20	---	20
TPT-ADM	261	---	261	20	---	20	20	---	20
CONSEIL DU TRESOR									
TOTAL	13,781	7,503	21,284	32,568	9,286	41,854	44,123	6,591	50,714

** DEPENSES INTRA-MUROS NE COMPRENNENT PAS LES COUTS AUTRES QUE LES PROGRAMMES

DEPENSES FEDERALES EN ACTIVITES SCIENTIFIQUES

ETRANGERS. PAR MINISTERE OU ORGANISME

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	R-D	ASC	TOTAL	R-D	ASC	TOTAL	R-D	ASC	TOTAL
AGRICULTURE									
AGR	32	65	97	8	37	45	51	47	98
AGR-RES	32	62	94	8	34	42	51	44	95
AGR-CCG	---	3	3	---	3	3	---	3	3
COMMUNICATIONS									
COMM	308	---	308	1,043	---	1,043	1,509	---	1,509
CONSOMMATION ET CORPORATIONS									
EMPLOI ET IMMIGRATION									
ENERGIE, MINES ET RESSOURCES									
EMR	147	13	160	410	16	426	430	19	449
EMR-ENER	115	---	115	402	---	402	396	---	396
EMR-MIN	---	---	0	2	---	2	---	---	0
EMR-SG	32	13	45	6	16	22	34	19	53
EACL	78	---	78	50	---	50	195	---	195
ENVIRONNEMENT									
ENV	147	441	588	132	535	667	120	563	683
ENV-SE	147	441	588	132	535	667	120	563	683
ENV-SPE	46	---	46	15	---	15	10	---	10
ENV-SEA	---	426	426	---	535	535	---	563	563
ENV-SGE	2	15	17	2	---	2	2	---	2
ENV-FOR	99	---	99	115	---	115	108	---	108
AFFAIRES EXTERIEURES									
ACDI	7,763	124	7,887	8,375	137	8,512	8,375	150	8,525
CRDI	15,800	502	16,302	14,947	497	15,444	15,962	525	16,487
FINANCES									
PECHES ET OCEANS									
P&O	65	6	71	75	---	75	90	---	90
P&O-GPR	65	6	71	75	---	75	90	---	90
AFFAIRES INDIENNES ET NORD CANADIEN									
INDUSTRIE ET COMMERCE									
JUSTICE									
TRAVAIL									
DEFENSE NATIONALE									
DEFN	1,200	---	1,200	1,400	---	1,400	1,800	---	1,800
DEFN-SER	1,200	---	1,200	1,400	---	1,400	1,800	---	1,800
SANTE NATIONALE ET BIEN-ETRE SOCIAL									
SNBS	95	---	95	36	3	39	14	---	14
SNBS-SSSS	95	---	95	36	---	36	14	---	14
SNBS-PS	---	---	0	---	3	3	---	---	0
CRM	2,003	24	2,027	2,514	24	2,538	2,763	26	2,789
REVENU NATIONAL									
POSTES									
CONSEIL PRIVE									
TRAVAUX PUBLICS									
TP	48	---	48	35	---	35	---	---	0
TP-SPT	48	---	48	35	---	35	---	---	0
CMHC	---	---	0	5	---	5	6	---	6
EXPANSION ECONOMIQUE REGIONALE									
SCIENCES ET TECHNOLOGIE									
CNRC	659	---	659	1,248	---	1,248	1,941	---	1,941
CNRC-RSI	659	---	659	1,248	---	1,248	1,941	---	1,941
CRSNG	948	1,224	2,172	1,208	1,356	2,564	1,418	1,912	3,330
SECRETARIAT D'ETAT									
MUSH	---	22	22	---	22	22	---	23	23
SOLLICITEUR GENERAL									
APPROVISIONNEMENTS ET SERVICES									
TRANSPORTS									
TPT	---	3	3	---	---	0	---	---	0
TPT-SUR	---	3	3	---	---	0	---	---	0
CONSEIL DU TRESOR									
TOTAL	29,293	2,424	31,717	31,486	2,627	34,113	34,674	3,265	37,939

** DEPENSES INTRA-MUROS NE COMPRENNENT PAS LES COUTS AUTRES QUE LES PROGRAMMES

DEPENSES FEDERALES EN ACTIVITES SCIENTIFIQUES
AUTRES CANADIENS, PAR MINISTERE OU ORGANISME
(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	R-D	ASC	TOTAL	R-D	ASC	TOTAL	R-D	ASC	TOTAL
AGRICULTURE									
AGR	130	903	1,033	169	3,176	3,345	205	---	205
AGR-RES	130	903	1,033	169	3,176	3,345	205	---	205
COMMUNICATIONS									
CONSUMMATION ET CORPORATIONS									
EMPLOI ET IMMIGRATION									
ENERGIE, MINES ET RESSOURCES									
EMR	388	94	482	729	95	824	923	114	1,037
EMR-ENER	52	---	52	522	---	522	636	---	636
EMR-MIN	69	---	69	28	---	28	79	---	79
EMR-SG	267	94	361	179	95	274	208	114	322
CCEA	32	---	32	15	---	15	10	---	10
EACL	913	---	913	1,045	---	1,045	1,045	---	1,045
ENVIRONNEMENT									
ENV	817	1,970	2,787	558	1,892	2,450	531	2,030	2,561
ENV-SE	817	1,970	2,787	558	1,892	2,450	531	2,030	2,561
ENV-SPE	370	83	453	285	68	353	290	58	348
ENV-SEA	52	1,296	1,348	63	1,237	1,300	39	1,385	1,424
ENV-SGE	---	577	577	198	587	785	198	587	785
ENV-FOR	395	14	409	12	---	12	4	---	4
AFFAIRES EXTERIEURES									
CPDI	439	69	508	362	75	437	327	79	406
FINANCES									
PECHES ET OCEANS									
P&O	426	1,049	1,475	315	823	1,138	330	223	553
P&O-GPR	426	1,049	1,475	315	823	1,138	330	223	553
AFFAIRES INDIENNES ET NORD CANADIEN									
AINC	6	---	6	2	---	2	2	---	2
AINC-AN	6	---	6	2	---	2	2	---	2
INDUSTRIE ET COMMERCE									
IC	429	---	429	315	---	315	455	---	455
IC-CI	429	---	429	315	---	315	455	---	455
JUSTICE									
TRAVAIL									
DEFENSE NATIONALE									
SANTE NATIONALE ET BIEN-ETRE SOCIAL									
SNBS	155	65	220	90	36	126	30	61	91
SNBS-PS	155	65	220	90	36	126	30	61	91
REVENU NATIONAL									
POSTES									
CONSEIL PRIVE									
TRAVAUX PUBLICS									
TP	---	55	55	---	55	55	---	93	93
TP-SPT	---	55	55	---	55	55	---	93	93
CMHC	6	16	22	7	61	68	9	58	67
EXPANSION ECONOMIQUE REGIONALE									
SCIENCES ET TECHNOLOGIE									
CNRC	310	751	1,061	905	809	1,714	1,037	882	1,919
CNRC-RSI	310	---	310	905	809	1,714	1,037	882	1,919
CNRC-IST	---	751	751	---	---	0	---	---	0
SECRETARIAT D'ETAT									
MUSN	109	1,308	1,417	105	1,284	1,389	109	1,106	1,215
SOLLICITEUR GENERAL									
APPROVISIONNEMENTS ET SERVICES									
AS	141	40	181	165	41	206	167	42	209
AS-APP	141	40	181	165	41	206	167	42	209
TRANSPORTS									
TPT	40	9	49	---	---	0	95	---	95
TPT-ADM	---	4	4	---	---	0	---	---	0
TPT-AER	---	---	0	---	---	0	95	---	95
TPT-SUR	40	5	45	---	---	0	---	---	0
CONSEIL DU TRESOR									
TOTAL	4,341	6,329	10,670	4,782	8,347	13,129	5,275	4,688	9,963

** DEPENSES INTRA-MUROS NE COMPRENNENT PAS LES COUTS AUTRES QUE LES PROGRAMMES

TABLEAU 32

SCIENCES NATURELLES

DEPENSES FEDERALES EN RECHERCHE-DEVELOPPEMENT
PAR EXECUTANT, EN 1978-1981

(\$ MILLIERS)

EXECUTANT	1978-79		1979-80		1980-81	
	\$	%	\$	%	\$	%
INTRA-MUROS	583,406	(57.7)	592,566	(54.5)	658,496	(53.0)
INDUSTRIE	181,804	(18.0)	214,730	(19.7)	238,117	(19.2)
UNIVERSITES	190,298	(18.8)	203,258	(18.7)	252,672	(20.3)
INSTITUTIONS A BUT NON-LUC.	8,276	(0.8)	8,050	(0.7)	8,684	(0.7)
ADMIN. PROV. & MUN.	13,781	(1.4)	32,568	(3.0)	44,123	(3.6)
ETRANGERS	29,293	(2.9)	31,486	(2.9)	34,674	(2.8)
AUTRES CANADIENS	4,341	(0.4)	4,782	(0.4)	5,275	(0.4)
TOTAL	1,011,199	(100.0)	1,087,440	(100.0)	1,242,041	(100.0)

** DEPENSES INTRA-MUROS NE COMPRENNENT PAS LES COUTS AUTRES QUE LES PROGRAMMES

DEPENSES FEDERALES EN ACTIVITES SCIENTIFIQUES CONNEXES
PAR EXECUTANT, EN 1978-1981

(\$ MILLIERS)

EXECUTANT	1978-79		1979-80		1980-81	
	\$	%	\$	%	\$	%
INTRA-MUROS	296,085	(76.6)	293,968	(77.1)	316,566	(78.2)
INDUSTRIE	57,970	(15.0)	50,014	(13.1)	49,809	(12.3)
UNIVERSITES	13,747	(3.6)	14,210	(3.7)	21,049	(5.2)
INSTITUTIONS A BUT NON-LUC.	2,500	(0.6)	2,609	(0.7)	2,798	(0.7)
ADMIN. PROV. & MUN.	7,503	(1.9)	9,286	(2.4)	6,591	(1.6)
ETRANGERS	2,424	(0.6)	2,627	(0.7)	3,265	(0.8)
AUTRES CANADIENS	6,329	(1.6)	8,347	(2.2)	4,688	(1.2)
TOTAL	386,558	(100.0)	381,061	(100.0)	404,766	(100.0)

** DEPENSES INTRA-MUROS NE COMPRENNENT PAS LES COÛTS AUTRES QUE LES PROGRAMMES

DEPENSES FEDERALES INTRA-MUROS ET EXTRA-MUROS EN RECHERCHE-DEVELOPPEMENT

PAR MINISTERE OU ORGANISME

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	INTRA- MUROS	EXTRA- MUROS	TOTAL	INTRA- MUROS	EXTRA- MUROS	TOTAL	INTRA- MUROS	EXTRA- MUROS	TOTAL
AGRICULTURE									
AGR	113,154	4,497	117,651	123,310	6,306	129,616	137,029	8,291	145,320
AGR-ADM	---	---	---	---	---	---	---	---	---
AGR-RES	106,891	4,497	111,388	117,150	6,306	123,456	130,206	8,291	138,497
AGR-PCA	---	---	---	---	---	---	---	---	---
AGR-PIA	4,866	---	4,866	4,661	---	4,661	5,176	---	5,176
AGR-CCG	1,397	---	1,397	1,499	---	1,499	1,647	---	1,647
OCP	---	---	---	---	---	---	---	---	---
COMMUNICATIONS									
COMM	48,639	7,165	55,804	41,152	17,582	58,734	40,509	20,232	60,741
CRTC	---	---	---	---	---	---	---	---	---
CONSUMMATION ET CORPORATIONS									
CC	---	---	---	---	---	---	---	---	---
CC-ADM	---	---	---	---	---	---	---	---	---
CC-CON	---	---	---	---	---	---	---	---	---
CC-COR	---	---	---	---	---	---	---	---	---
CC-EC	---	---	---	---	---	---	---	---	---
CC-PI	---	---	---	---	---	---	---	---	---
EMPLOI ET IMMIGRATION									
EI	---	---	---	---	---	---	---	---	---
EI-ADM	---	---	---	---	---	---	---	---	---
CEIC	---	---	---	---	---	---	---	---	---
CEIC-EA	---	---	---	---	---	---	---	---	---
ENERGIE, MINES ET RESSOURCES									
EMR	56,421	24,322	80,743	57,752	46,258	104,010	66,359	56,780	123,139
EMR-ENER	11,909	18,281	30,190	10,867	40,177	51,044	13,420	50,647	64,067
EMR-MIN	10,652	646	11,298	10,237	798	11,035	11,838	1,169	13,007
EMR-SG	33,860	5,395	39,255	36,648	5,283	41,931	41,101	4,964	46,065
CCEA	147	700	847	159	704	863	170	775	945
EACL	67,835	9,201	77,036	63,866	10,145	74,011	71,739	11,126	82,865
NEB	---	---	---	---	---	---	---	---	---
ENVIRONNEMENT									
ENV	53,343	9,953	63,296	48,070	17,330	65,400	49,028	17,412	66,440
ENV-ADM	432	---	432	379	---	379	399	---	399
ENV-SE	52,899	9,953	62,852	47,678	17,330	65,008	48,615	17,412	66,027
ENV-SPE	2,186	4,015	6,201	2,166	2,950	5,116	2,148	3,015	5,163
ENV-SEA	11,128	612	11,740	9,480	519	9,999	10,182	574	10,756
ENV-SGE	15,506	2,465	17,971	15,692	3,373	19,065	15,960	3,372	19,332
ENV-FOR	24,079	2,861	26,940	20,340	10,488	30,828	20,325	10,451	30,776
ENV-PC	12	---	12	13	---	13	14	---	14
AFFAIRES EXTERIEURES									
AE	---	---	---	---	---	---	---	---	---
AE-ICE	---	---	---	---	---	---	---	---	---
ACDI	125	7,763	7,888	135	8,375	8,510	141	8,375	8,516
CRDI	2,151	16,497	18,648	2,284	15,540	17,824	2,664	16,724	19,388
FINANCES									
FIN	---	---	---	---	---	---	---	---	---
FIN-PFE	---	---	---	---	---	---	---	---	---
PECHE ET OCEANS									
P&O	51,962	8,665	60,627	48,210	6,301	54,511	50,209	6,475	56,684
P&O-GPR	51,962	8,665	60,627	48,210	6,301	54,511	50,209	6,475	56,684
AFFAIRES INDIENNES ET NORD CANADIEN									
AINC	1,063	779	1,842	1,141	803	1,944	1,132	806	1,938
AINC-AII	---	---	---	---	---	---	---	---	---
AINC-AN	1,063	779	1,842	1,141	803	1,944	1,132	806	1,938
INDUSTRIE ET COMMERCE									
IC	3,720	55,769	59,489	6,432	65,835	72,267	9,413	91,704	101,117
IC-CI	3,652	53,940	57,592	6,360	64,125	70,485	9,363	90,384	99,747
IC-TOUR	---	---	---	---	---	---	---	---	---
IC-CGO	68	1,829	1,897	72	1,710	1,782	50	1,320	1,370
JUSTICE									
JUST	---	---	---	---	---	---	---	---	---
JUST-ADM	---	---	---	---	---	---	---	---	---
JUST-CIUC	---	---	---	---	---	---	---	---	---
CRD	---	---	---	---	---	---	---	---	---
TRAVAIL									
TRAV	---	---	---	---	---	---	---	---	---
DEFENSE NATIONALE									
DEFN	60,199	20,598	80,797	60,367	30,576	90,943	67,699	33,552	101,251
DEFN-SER	60,199	20,598	80,797	60,367	30,576	90,943	67,699	33,552	101,251

DEPENSES FEDERALES INTRA-MUROS ET EXTRA-MUROS EN RECHERCHE-DEVELOPPEMENT

PAR MINISTERE OU ORGANISME

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	INTRA- MUROS	EXTRA- MUROS	TOTAL	INTRA- MUROS	EXTRA- MUROS	TOTAL	INTRA- MUROS	EXTRA- MUROS	TOTAL
SANTÉ NATIONALE ET BIEN-ÊTRE SOCIAL									
SNBS	9,987	10,393	20,380	10,369	6,303	16,672	11,189	8,240	19,429
SNBS-ADM	---	---	---	---	---	---	---	---	---
SNBS-SSSS	545	9,771	10,316	469	5,979	6,448	420	7,880	8,300
SNBS-5M	125	---	125	135	---	135	142	---	142
SNBS-PS	9,317	622	9,939	9,765	324	10,089	10,627	360	10,987
SNBS-SAA	---	---	---	---	---	---	---	---	---
CRM	1,129	61,126	62,255	1,324	66,537	67,861	1,431	76,151	77,582
REVENU NATIONAL									
REVN	---	---	---	---	---	---	---	---	---
REVN-IMP	---	---	---	---	---	---	---	---	---
POSTES									
PO	---	---	---	---	---	---	---	---	---
CONSEIL PRIVÉ									
CP	---	---	---	---	---	---	---	---	---
CLO	---	---	---	---	---	---	---	---	---
CEC	---	---	---	---	---	---	---	---	---
TRAVAUX PUBLICS									
TP	1,407	524	1,931	1,365	1,785	3,150	1,262	3,238	4,500
TP-SPT	1,407	524	1,931	1,365	1,785	3,150	1,262	3,238	4,500
CMHC	751	823	1,574	1,030	1,111	2,141	1,175	2,131	3,306
CCN	---	---	---	---	---	---	---	---	---
EXPANSION ECONOMIQUE REGIONALE									
EER	---	---	---	---	---	---	---	---	---
SCIENCES ET TECHNOLOGIE									
ST	---	---	---	---	---	---	---	---	---
CNRC	99,792	69,096	168,888	113,489	65,764	179,253	130,326	61,252	191,578
CNRC-RSI	99,792	69,096	168,888	113,489	65,764	179,253	130,326	61,252	191,578
CNRC-IST	---	---	---	---	---	---	---	---	---
CRSNG	1,571	100,436	102,007	1,877	108,392	110,269	2,958	141,627	144,585
CSC	---	---	---	---	---	---	---	---	---
SECRETARIAT D'ETAT									
SECE	---	---	---	---	---	---	---	---	---
SECE-LO	---	---	---	---	---	---	---	---	---
SECE-AC	---	---	---	---	---	---	---	---	---
SECE-AE	---	---	---	---	---	---	---	---	---
SECE-TRA	---	---	---	---	---	---	---	---	---
SECE-CIT	---	---	---	---	---	---	---	---	---
SECE-FAS	---	---	---	---	---	---	---	---	---
SRC	---	---	---	---	---	---	---	---	---
ONF	289	---	289	284	---	284	362	---	362
BIEN	---	---	---	---	---	---	---	---	---
MUSN	1,910	109	2,019	2,101	105	2,206	2,153	109	2,262
AP	---	---	---	---	---	---	---	---	---
CFP	---	---	---	---	---	---	---	---	---
CRSHC	---	---	---	---	---	---	---	---	---
SOLLICITEUR GENERAL									
SGEN	---	---	---	---	---	---	---	---	---
SGEN-ADM	---	---	---	---	---	---	---	---	---
GRC	---	---	---	---	---	---	---	---	---
APPROVISIONNEMENTS ET SERVICES									
AS	431	10,833	11,264	517	12,620	13,137	922	12,753	13,675
AS-APP	431	10,833	11,264	517	12,620	13,137	922	12,753	13,675
ACL	115	---	115	132	---	132	205	---	205
TRANSPORTS									
TPT	7,265	8,544	15,809	7,200	6,502	13,702	10,421	5,792	16,213
TPT-ADM	501	6,345	6,846	591	6,317	6,908	1,007	5,617	6,624
TPT-EAU	3,674	1,500	5,174	3,518	---	3,518	5,363	---	5,363
TPT-AER	3,085	17	3,102	3,086	135	3,221	4,046	125	4,171
TPT-SUR	5	682	687	5	50	55	5	50	55
CTC	---	---	---	---	---	---	---	---	---
CPN	---	---	---	---	---	---	---	---	---
CONSEIL DU TRESOR									
CT	---	---	---	---	---	---	---	---	---
CT-ADM	---	---	---	---	---	---	---	---	---
STCAN	---	---	---	---	---	---	---	---	---
TOTAL	583,406	427,793	1,011,199	592,566	494,874	1,087,440	658,496	583,545	1,242,041

** DEPENSES INTRA-MUROS NE COMPRENNENT PAS LES COÛTS AUTRES QUE LES PROGRAMMES

AIDE FEDERALE A LA RECHERCHE-DEVELOPPEMENT
DANS L'INDUSTRIE
PAR MINISTERE OU ORGANISME, EN 1978-1981

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79		1979-80		1980-81	
	SUBVENT.	CONTRATS	SUBVENT.	CONTRATS	SUBVENT.	CONTRATS
AGRICULTURE						
AGR	---	1,147	---	2,109	---	1,893
AGR-ADM	---	---	---	---	---	---
AGR-RES	---	1,147	---	2,109	---	1,893
AGR-PCA	---	---	---	---	---	---
AGR-PIA	---	---	---	---	---	---
AGR-CCG	---	---	---	---	---	---
OCP	---	---	---	---	---	---
COMMUNICATIONS						
COMM	2,222	3,870	11,421	4,318	11,513	6,410
CRTC	---	---	---	---	---	---
CONSOMMATION ET CORPORATIONS						
CC	---	---	---	---	---	---
CC-ADM	---	---	---	---	---	---
CC-CON	---	---	---	---	---	---
CC-COR	---	---	---	---	---	---
CC-EC	---	---	---	---	---	---
CC-PI	---	---	---	---	---	---
EMPLOI ET IMMIGRATION						
EI	---	---	---	---	---	---
EI-ADM	---	---	---	---	---	---
CEIC	---	---	---	---	---	---
CEIC-EA	---	---	---	---	---	---
ENERGIE, MINES ET RESSOURCES						
EMR	1,998	6,118	2,546	7,237	2,066	7,648
EMR-ENER	1,998	1,958	2,476	2,910	2,066	3,441
EMR-MIN	---	233	---	345	---	559
EMR-SG	---	3,927	70	3,982	---	3,648
CCEA	---	204	---	244	---	284
EACL	---	7,092	---	8,072	---	8,685
NEB	---	---	---	---	---	---
ENVIRONNEMENT						
ENV	---	3,848	2,300	9,719	2,300	9,973
ENV-ADM	---	---	---	---	---	---
ENV-SE	---	3,848	2,300	9,719	2,300	9,973
ENV-SPE	---	3,085	---	2,200	---	2,265
ENV-SEA	---	---	---	---	---	---
ENV-SGE	---	319	---	2,503	---	2,503
ENV-FOR	---	444	2,300	5,016	2,300	5,205
ENV-PC	---	---	---	---	---	---
AFFAIRES EXTERIEURES						
AE	---	---	---	---	---	---
AE-ICE	---	---	---	---	---	---
ACDI	---	---	---	---	---	---
CRDI	---	---	---	---	---	---
FINANCES						
FIN	---	---	---	---	---	---
FIN-PFE	---	---	---	---	---	---
PECHES ET OCEANS						
P&O	---	4,956	---	3,286	---	3,350
P&O-GPR	---	4,956	---	3,286	---	3,350
AFFAIRES INDIENNES ET NORD CANADIEN						
AINC	---	179	---	172	---	200
AINC-AII	---	---	---	---	---	---
AINC-AN	---	179	---	172	---	200
INDUSTRIE ET COMMERCE						
IC	54,349	---	64,433	---	90,164	---
IC-CI	52,925	---	63,073	---	89,244	---
IC-TOUR	---	---	---	---	---	---
IC-CGO	1,424	---	1,360	---	920	---
JUSTICE						
JUST	---	---	---	---	---	---
JUST-ADM	---	---	---	---	---	---
JUST-CIUC	---	---	---	---	---	---
CRD	---	---	---	---	---	---
TRAVAIL						
TRAV	---	---	---	---	---	---
DEFENSE NATIONALE						
DEFN	---	17,598	---	26,476	---	28,742
DEFN-SER	---	17,598	---	26,476	---	28,742

AIDE FEDERALE A LA RECHERCHE-DEVELOPPEMENT

DANS L'INDUSTRIE

PAR MINISTERE OU ORGANISME, EN 1978-1981

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79		1979-80		1980-81	
	SUBVENT.	CONTRATS	SUBVENT.	CONTRATS	SUBVENT.	CONTRATS
SANTÉ NATIONALE ET BIEN-ÊTRE SOCIAL						
SNBS	10	147	15	70	15	100
SNBS-ADM	---	---	---	---	---	---
SNBS-SSSS	---	85	---	45	---	60
SNBS-SM	---	---	---	---	---	---
SNBS-PS	10	62	15	25	15	40
SNBS-SAA	---	---	---	---	---	---
CRM	---	---	---	---	---	---
REVENU NATIONAL						
REVN	---	---	---	---	---	---
REVN-IMP	---	---	---	---	---	---
POSTES						
PO	---	---	---	---	---	---
CONSEIL PRIVÉ						
CP	---	---	---	---	---	---
CLO	---	---	---	---	---	---
CEC	---	---	---	---	---	---
TRAVAUX PUBLICS						
TP	---	413	---	1,690	---	3,238
TP-SPT	---	413	---	1,690	---	3,238
CMHC	---	732	45	885	55	1,855
CCN	---	---	---	---	---	---
EXPANSION ECONOMIQUE REGIONALE						
EER	---	---	---	---	---	---
SCIENCES ET TECHNOLOGIE						
ST	---	---	---	---	---	---
CNRC	20,587	37,610	26,350	24,548	21,746	19,542
CNRC-RSI	20,587	37,610	26,350	24,548	21,746	19,542
CNRC-IST	---	---	---	---	---	---
CRSNG	---	---	---	---	---	---
CSC	---	---	---	---	---	---
SECRETARIAT D'ETAT						
SECE	---	---	---	---	---	---
SECE-LO	---	---	---	---	---	---
SECE-AC	---	---	---	---	---	---
SECE-AE	---	---	---	---	---	---
SECE-TRA	---	---	---	---	---	---
SECE-CIT	---	---	---	---	---	---
SECE-FAS	---	---	---	---	---	---
SRC	---	---	---	---	---	---
ONF	---	---	---	---	---	---
BIBN	---	---	---	---	---	---
MUSN	---	---	---	---	---	---
AP	---	---	---	---	---	---
CFP	---	---	---	---	---	---
CRSHC	---	---	---	---	---	---
SOLLICITEUR GENERAL						
SGEN	---	---	---	---	---	---
SGEN-ADM	---	---	---	---	---	---
GRC	---	---	---	---	---	---
APPROVISIONNEMENTS ET SERVICES						
AS	---	10,058	---	11,700	---	11,825
AS-APP	---	10,058	---	11,700	---	11,825
ACL	---	---	---	---	---	---
TRANSPORTS						
TPT	90	7,000	---	5,449	---	4,664
TPT-ADM	---	5,043	---	5,334	---	4,634
TPT-EAU	---	1,500	---	---	---	---
TPT-AER	---	---	---	115	---	30
TPT-SUR	90	457	---	---	---	---
CTC	---	---	---	---	---	---
CPN	---	---	---	---	---	---
CONSEIL DU TRESOR						
CT	---	---	---	---	---	---
CT-ADM	---	---	---	---	---	---
STCAN	---	---	---	---	---	---
TOTAL	79,256	100,972	107,110	105,975	127,859	108,409

AIDE FEDERALE A LA RECHERCHE-DEVELOPPEMENT
DANS LES UNIVERSITES ET LES INSTITUTIONS A BUT NON-LUCRATIF
PAR MINISTERE OU ORGANISME, EN 1978-1981

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79		1979-80		1980-81	
	SUBVENT.	CONTRATS	SUBVENT.	CONTRATS	SUBVENT.	CONTRATS
AGRICULTURE						
AGR	1,376	1,685	1,376	2,476	1,376	2,762
AGR-ADM	---	---	---	---	---	---
AGR-RES	1,376	1,685	1,376	2,476	1,376	2,762
AGR-PCA	---	---	---	---	---	---
AGR-PIA	---	---	---	---	---	---
AGR-CCG	---	---	---	---	---	---
OCP	---	---	---	---	---	---
COMMUNICATIONS						
COMM	---	765	---	800	---	800
CRTC	---	---	---	---	---	---
CONSOMMATION ET CORPORATIONS						
CC	---	---	---	---	---	---
CC-ADM	---	---	---	---	---	---
CC-CON	---	---	---	---	---	---
CC-COR	---	---	---	---	---	---
CC-EC	---	---	---	---	---	---
CC-PI	---	---	---	---	---	---
EMPLOI ET IMMIGRATION						
EI	---	---	---	---	---	---
EI-ADM	---	---	---	---	---	---
CEIC	---	---	---	---	---	---
CEIC-EA	---	---	---	---	---	---
ENERGIE, MINES ET RESSOURCES						
EMR	3,032	1,267	2,237	1,140	2,517	1,387
EMR-ENER	2,282	697	1,491	467	1,733	566
EMR-MIN	170	174	203	220	175	356
EMR-SG	580	396	543	453	609	465
CCEA	---	464	---	406	---	436
EACL	---	1,118	---	978	---	1,201
NEB	---	---	---	---	---	---
ENVIRONNEMENT						
ENV	2,967	1,336	2,384	2,083	2,197	2,146
ENV-ADM	---	---	---	---	---	---
ENV-SE	2,967	1,336	2,384	2,083	2,197	2,146
ENV-SPE	---	438	---	390	---	390
ENV-SEA	254	277	244	212	288	247
ENV-SGE	1,004	428	248	422	247	422
ENV-FOR	1,709	193	1,892	1,059	1,662	1,087
ENV-PC	---	---	---	---	---	---
AFFAIRES EXTERIEURES						
AE	---	---	---	---	---	---
AE-ICE	---	---	---	---	---	---
ACDI	---	---	---	---	---	---
CRDI	258	---	231	---	435	---
FINANCES						
FIN	---	---	---	---	---	---
FIN-PFE	---	---	---	---	---	---
PECHES ET OCEANS						
P&O	730	1,543	585	1,987	585	2,060
P&O-GPR	730	1,543	585	1,987	585	2,060
AFFAIRES INDIENNES ET NORD CANADIEN						
AINC	244	350	244	385	244	360
AINC-AII	---	---	---	---	---	---
AINC-AN	244	350	244	385	244	360
INDUSTRIE ET COMMERCE						
IC	991	---	1,087	---	1,085	---
IC-CI	586	---	737	---	685	---
IC-TOUR	---	---	---	---	---	---
IC-CGO	405	---	350	---	400	---
JUSTICE						
JUST	---	---	---	---	---	---
JUST-ADM	---	---	---	---	---	---
JUST-CIUC	---	---	---	---	---	---
CRD	---	---	---	---	---	---
TRAVAIL						
TRAV	---	---	---	---	---	---
DEFENSE NATIONALE						
DEFN	---	1,800	---	2,700	---	3,010
DEFN-SER	---	1,800	---	2,700	---	3,010

AIDE FEDERALE A LA RECHERCHE-DEVELOPPEMENT
DANS LES UNIVERSITES ET LES INSTITUTIONS A BUT NON-LUCRATIF
PAR MINISTERE OU ORGANISME, EN 1978-1981

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79		1979-80		1980-81	
	SUBVENT.	CONTRATS	SUBVENT.	CONTRATS	SUBVENT.	CONTRATS
SANTÉ NATIONALE ET BIEN-ÊTRE SOCIAL						
SNBS	9,552	430	5,795	264	7,801	245
SNBS-ADM	---	---	---	---	---	---
SNBS-SSSS	9,527	60	5,765	100	7,771	---
SNBS-SM	---	---	---	---	---	---
SNBS-PS	25	370	30	164	30	245
SNBS-SAA	---	---	---	---	---	---
CRM	57,129	---	61,650	---	70,780	---
REVENU NATIONAL						
REVN	---	---	---	---	---	---
REVN-IMP	---	---	---	---	---	---
POSTES						
PO	---	---	---	---	---	---
CONSEIL PRIVÉ						
CP	---	---	---	---	---	---
CLO	---	---	---	---	---	---
CEC	---	---	---	---	---	---
TRAVAUX PUBLICS						
TP	---	63	---	60	---	---
TP-SPT	---	63	---	60	---	---
CMHC	4	35	---	116	---	141
CCN	---	---	---	---	---	---
EXPANSION ECONOMIQUE REGIONALE						
EER	---	---	---	---	---	---
SCIENCES ET TECHNOLOGIE						
ST	---	---	---	---	---	---
CNRC	8,731	954	9,681	2,890	13,642	3,344
CNRC-RS1	8,731	954	9,681	2,890	13,642	3,344
CNRC-IST	---	---	---	---	---	---
CRSNG	97,122	---	104,546	---	136,987	---
CSC	---	---	---	---	---	---
SECRETARIAT D'ETAT						
SECE	---	---	---	---	---	---
SECE-LO	---	---	---	---	---	---
SECE-AC	---	---	---	---	---	---
SECE-AE	---	---	---	---	---	---
SECE-TRA	---	---	---	---	---	---
SECE-CIT	---	---	---	---	---	---
SECE-FAS	---	---	---	---	---	---
SRC	---	---	---	---	---	---
ONF	---	---	---	---	---	---
BIBN	---	---	---	---	---	---
MUSN	---	---	---	---	---	---
AP	---	---	---	---	---	---
CFP	---	---	---	---	---	---
CRSHC	---	---	---	---	---	---
SOLLICITEUR GENERAL						
SGEN	---	---	---	---	---	---
SGEN-ADM	---	---	---	---	---	---
GRC	---	---	---	---	---	---
APPROVISIONNEMENTS ET SERVICES						
AS	---	634	---	755	---	761
AS-APP	---	634	---	755	---	761
ACL	---	---	---	---	---	---
TRANSPORTS						
TPT	776	102	766	20	766	---
TPT-ADM	766	---	716	---	716	---
TPT-EAU	---	---	---	---	---	---
TPT-AER	---	17	---	20	---	---
TPT-SUR	10	85	50	---	50	---
CTC	---	---	---	---	---	---
CPN	---	---	---	---	---	---
CONSEIL DU TRESOR						
CT	---	---	---	---	---	---
CT-ADM	---	---	---	---	---	---
STCAN	---	---	---	---	---	---
TOTAL	182,912	12,546	190,582	17,060	238,415	18,653

DEPENSES FEDERALES INTRA-MUROS ET EXTRA-MUROS EN ACTIVITES SCIENTIFIQUES CONNEXES

PAR MINISTERE OU ORGANISME

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	INTRA- MUROS	EXTRA- MUROS	TOTAL	INTRA- MUROS	EXTRA- MUROS	TOTAL	INTRA- MUROS	EXTRA- MUROS	TOTAL
AGRICULTURE									
AGR	5,488	968	6,456	5,829	3,213	9,042	6,511	47	6,558
AGR-ADM	2,413	---	2,413	2,424	---	2,424	2,757	---	2,757
AGR-RES	1,519	965	2,484	1,725	3,210	4,935	1,900	44	1,944
AGR-PCA	---	---	---	---	---	---	---	---	---
AGR-PIA	---	---	---	---	---	---	---	---	---
AGR-CCG	1,556	3	1,559	1,680	3	1,683	1,854	3	1,857
OCP	---	---	---	---	---	---	---	---	---
COMMUNICATIONS									
COMM	58	---	58	42	---	42	48	---	48
CRTC	---	---	---	---	---	---	---	---	---
CONSOMMATION ET CORPORATIONS									
CC	9,544	---	9,544	9,897	---	9,897	10,414	---	10,414
CC-ADM	---	---	---	---	---	---	---	---	---
CC-CON	1,399	---	1,399	1,390	---	1,390	1,634	---	1,634
CC-COR	---	---	---	---	---	---	---	---	---
CC-EC	---	---	---	---	---	---	---	---	---
CC-PI	8,145	---	8,145	8,507	---	8,507	8,780	---	8,780
EMPLOI ET IMMIGRATION									
EI	---	---	---	---	---	---	---	---	---
EI-ADM	---	---	---	---	---	---	---	---	---
CEIC	---	---	---	---	---	---	---	---	---
CEIC-EA	---	---	---	---	---	---	---	---	---
ENERGIE, MINES ET RESSOURCES									
EMR	25,613	9,710	35,323	24,775	4,836	29,611	27,603	6,016	33,619
EMR-ENER	1,950	419	2,369	3,075	40	3,115	2,201	125	2,326
EMR-MIN	1,726	---	1,726	1,932	---	1,932	1,960	---	1,960
EMR-SG	21,937	9,291	31,228	19,768	4,796	24,564	23,442	5,891	29,333
CCEA	---	---	---	---	---	---	---	---	---
EACL	3,284	11,668	14,952	3,739	13,515	17,254	4,078	9,509	13,587
NEB	1,215	---	1,215	1,348	---	1,348	1,588	---	1,588
ENVIRONNEMENT									
ENV	121,412	9,207	130,619	126,519	9,828	136,347	140,067	8,687	148,754
ENV-ADM	1,003	---	1,003	860	---	860	1,138	---	1,138
ENV-SE	120,057	9,084	129,141	125,268	9,691	134,959	138,494	8,535	147,029
ENV-SPE	2,360	473	2,833	2,475	321	2,796	2,668	303	2,971
ENV-SEA	83,156	2,659	85,815	87,912	2,549	90,461	100,863	2,881	103,744
ENV-SGE	31,744	5,849	37,593	31,732	6,821	38,553	31,982	5,351	37,333
ENV-FOR	2,797	103	2,900	3,149	---	3,149	2,981	---	2,981
ENV-PC	352	123	475	391	137	528	435	152	587
AFFAIRES EXTERIEURES									
AE	---	---	---	---	---	---	---	---	---
AE-ICE	---	---	---	---	---	---	---	---	---
ACDI	358	22,263	22,621	382	23,636	24,018	424	25,095	25,519
CRDI	165	571	736	160	572	732	180	604	784
FINANCES									
FIN	---	---	---	---	---	---	---	---	---
FIN-PFE	---	---	---	---	---	---	---	---	---
PECHES ET OCEANS									
P&O	55,547	3,195	58,742	51,628	3,176	54,804	53,678	2,541	56,219
P&O-GPR	55,547	3,195	58,742	51,628	3,176	54,804	53,678	2,541	56,219
AFFAIRES INDIENNES ET NORD CANADIEN									
AINC	475	9	484	492	21	513	532	21	553
AINC-AII	---	---	---	---	---	---	---	---	---
AINC-AN	475	9	484	492	21	513	532	21	553
INDUSTRIE ET COMMERCE									
IC	---	329	329	---	545	545	---	640	640
IC-CI	---	329	329	---	545	545	---	640	640
IC-TOUR	---	---	---	---	---	---	---	---	---
IC-CGO	---	---	---	---	---	---	---	---	---
JUSTICE									
JUST	---	---	---	---	---	---	---	---	---
JUST-ADM	---	---	---	---	---	---	---	---	---
JUST-CIUC	---	---	---	---	---	---	---	---	---
CRD	---	---	---	---	---	---	---	---	---
TRAVAIL									
TRAV	---	---	---	---	---	---	---	---	---
DEFENSE NATIONALE									
DEFN	763	---	763	786	---	786	852	---	852
DEFN-SER	763	---	763	786	---	786	852	---	852

DEPENSES FEDERALES INTRA-MUROS ET EXTRA-MUROS EN ACTIVITES SCIENTIFIQUES CONNEXES

PAR MINISTERE OU ORGANISME

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	INTRA- MUROS	EXTRA- MUROS	TOTAL	INTRA- MUROS	EXTRA- MUROS	TOTAL	INTRA- MUROS	EXTRA- MUROS	TOTAL
SANTÉ NATIONALE ET BIEN-ÊTRE SOCIAL									
SNBS	14,227	2,217	16,444	13,461	2,297	15,758	14,393	2,160	16,553
SNBS-ADM	---	---	---	---	---	---	---	---	---
SNBS-SSSS	135	1,853	1,988	141	1,509	1,650	140	1,600	1,740
SNBS-SM	---	---	---	---	---	---	---	---	---
SNBS-PS	14,092	364	14,456	13,320	788	14,108	14,253	560	14,813
SNBS-SAA	---	---	---	---	---	---	---	---	---
CRM	85	1,876	1,961	115	2,139	2,254	125	2,324	2,449
REVENU NATIONAL									
REIN	---	---	---	---	---	---	---	---	---
REIN-IMP	---	---	---	---	---	---	---	---	---
POSTES									
PO	---	---	---	---	---	---	---	---	---
CONSEIL PRIVÉ									
CP	---	---	---	---	---	---	---	---	---
CLO	---	---	---	---	---	---	---	---	---
CEC	---	---	---	---	---	---	---	---	---
TRAVAUX PUBLICS									
TP	1,193	997	2,190	1,169	713	1,882	1,196	1,400	2,596
TP-SPT	1,193	997	2,190	1,169	713	1,882	1,196	1,400	2,596
CMHC	451	174	625	552	320	872	542	896	1,438
CCN	---	---	---	---	---	---	---	---	---
EXPANSION ECONOMIQUE REGIONALE									
EER	---	1,781	1,781	---	1,669	1,669	---	472	472
SCIENCES ET TECHNOLOGIE									
ST	---	---	---	---	---	---	---	---	---
CNRC	27,242	1,025	28,267	30,503	1,488	31,991	34,488	1,589	36,077
CNRC-RSI	13,569	274	13,843	16,758	1,488	18,246	18,427	1,589	20,016
CNRC-IST	13,673	751	14,424	13,745	---	13,745	16,061	---	16,061
CRSNG	393	9,475	9,868	469	10,338	10,807	739	17,648	18,387
CSC	---	---	---	---	---	---	---	---	---
SECRETARIAT D'ETAT									
SECE	---	---	---	---	---	---	---	---	---
SECE-LO	---	---	---	---	---	---	---	---	---
SECE-AC	---	---	---	---	---	---	---	---	---
SECE-AE	---	---	---	---	---	---	---	---	---
SECE-TRA	---	---	---	---	---	---	---	---	---
SECE-CIT	---	---	---	---	---	---	---	---	---
SECE-FAS	---	---	---	---	---	---	---	---	---
SRC	---	---	---	---	---	---	---	---	---
ONF	175	12	187	187	17	204	231	22	253
BIBN	---	---	---	---	---	---	---	---	---
MUSN	12,798	4,237	17,035	11,995	4,164	16,159	12,469	4,143	16,612
AP	---	---	---	---	---	---	---	---	---
CFP	---	---	---	---	---	---	---	---	---
CRSHC	---	---	---	---	---	---	---	---	---
SOLLICITEUR GENERAL									
SGEN	---	---	---	---	---	---	---	---	---
SGEN-ADM	---	---	---	---	---	---	---	---	---
GRC	---	---	---	---	---	---	---	---	---
APPROVISIONNEMENTS ET SERVICES									
AS	32	767	799	57	1,330	1,387	102	1,347	1,449
AS-APP	32	767	799	57	1,330	1,387	102	1,347	1,449
ACL	19	---	19	18	---	18	41	---	41
TRANSPORTS									
TPT	15,548	9,992	25,540	9,845	3,276	13,121	6,265	3,039	9,304
TPT-ADM	82	806	888	92	974	1,066	90	924	1,014
TPT-EAU	5,450	---	5,450	6,014	---	6,014	5,432	---	5,432
TPT-AER	68	7,747	7,815	220	2,302	2,522	324	2,115	2,439
TPT-SUR	9,948	1,439	11,387	3,519	---	3,519	419	---	419
CTC	---	---	---	---	---	---	---	---	---
CPN	---	---	---	---	---	---	---	---	---
CONSEIL DU TRESOR									
CT	---	---	---	---	---	---	---	---	---
CT-ADM	---	---	---	---	---	---	---	---	---
STCAN	---	---	---	---	---	---	---	---	---
TOTAL	296,085	90,473	386,558	293,968	87,093	381,061	316,566	88,200	404,766

** DEPENSES INTRA-MUROS NE COMPRENNENT PAS LES COÛTS AUTRES QUE LES PROGRAMMES

EFFECTIFS FEDERAUX EMPLOYES DANS LES ACTIVITES SCIENTIFIQUES
 PAR MINISTERE OU ORGANISME, PAR CATEGORIE, EN 1978-79
 (ANNEES-PERSONNES EN EQUIVALENT A PLEIN TEMPS)

MINISTERE OU ORGANISME	DIRECTION	SCIENCES + PROFESSIONS	ADMIN. + SERVICE EXTERIEUR	TECHNIQUE	SOUTIEN ADMINIS- TRATIF	EXPLOI- TATION	PERSONNEL MILITAIRE	TOTAL
AGRICULTURE								
AGR	3	1,017	73	1,089	449	1,435	---	4,066
AGR-ADM	---	38	1	7	49	---	---	95
AGR-RES	3	909	70	960	388	1,395	---	3,725
AGR-PCA	---	---	---	---	---	---	---	---
AGR-PIA	---	51	1	59	4	36	---	151
AGR-CCG	---	19	1	63	8	4	---	95
OCP	---	---	---	---	---	---	---	---
COMMUNICATIONS								
COMM	8	194	41	145	81	65	---	534
CRTC	---	---	---	---	---	---	---	---
CONSOMMATION ET CORPORATIONS								
CC	2	187	21	23	167	3	---	403
CC-ADM	---	---	---	---	---	---	---	---
CC-CON	1	10	8	23	4	3	---	49
CC-COR	---	---	---	---	---	---	---	---
CC-EC	---	---	---	---	---	---	---	---
CC-PI	1	177	13	---	163	---	---	354
EMPLOI ET IMMIGRATION								
EI	---	---	---	---	---	---	---	---
EI-ADM	---	---	---	---	---	---	---	---
CEIC	---	---	---	---	---	---	---	---
CEIC-EA	---	---	---	---	---	---	---	---
ENERGIE, MINES ET RESSOURCES								
EMR	6	871	55	862	287	204	---	2,285
EMR-ENER	3	167	5	112	45	47	---	379
EMR-MIN	---	169	10	146	60	46	---	431
EMR-SG	3	535	40	604	182	111	---	1,475
CCEA	---	5	---	---	1	---	---	6
EACL	15	647	---	828	321	552	---	2,363
NEB	1	26	---	6	14	---	---	47
ENVIRONNEMENT								
ENV	27	1,562	355	1,926	715	165	---	4,749
ENV-ADM	---	15	7	---	16	---	---	38
ENV-SE	27	1,543	348	1,926	698	165	---	4,707
ENV-SPE	2	75	3	55	15	10	---	160
ENV-SEA	5	715	148	1,170	391	66	---	2,495
ENV-SGE	7	322	159	238	292	89	---	1,106
ENV-FOR	13	432	38	464	---	---	---	946
ENV-PC	---	4	---	---	1	---	---	5
AFFAIRES EXTERIEURES								
AE	---	---	---	---	---	---	---	---
AE-ICE	---	---	---	---	---	---	---	---
ACDI	---	---	9	---	7	---	---	16
CRDI	2	25	6	---	19	---	---	52
FINANCES								
FIN	---	---	---	---	---	---	---	---
FIN-PFE	---	---	---	---	---	---	---	---
PECHES ET OCEANS								
P&O	5	520	186	834	306	472	---	2,323
P&O-GPR	5	520	186	834	306	472	---	2,323
AFFAIRES INDIENNES ET NORD CANADIEN								
AINC	---	37	3	9	5	2	---	56
AINC-AII	---	---	---	---	---	---	---	---
AINC-AN	---	37	3	9	5	2	---	56
INDUSTRIE ET COMMERCE								
IC	---	---	106	---	48	---	---	154
IC-CI	---	---	103	---	48	---	---	151
IC-TOUR	---	---	---	---	---	---	---	---
IC-CGO	---	---	3	---	---	---	---	3
JUSTICE								
JUST	---	---	---	---	---	---	---	---
JUST-ADM	---	---	---	---	---	---	---	---
JUST-CIUC	---	---	---	---	---	---	---	---
CRD	---	---	---	---	---	---	---	---
TRAVAIL								
TRAV	---	---	---	---	---	---	---	---
DEFENSE NATIONALE								
DEFN	12	514	95	501	275	302	149	1,848
DEFN-SER	12	514	95	501	275	302	149	1,848

EFFECTIFS FEDERAUX EMPLOYES DANS LES ACTIVITES SCIENTIFIQUES
 PAR MINISTERE OU ORGANISME, PAR CATEGORIE, EN 1978-79
 (ANNEES-PERSONNES EN EQUIVALENT A PLEIN TEMPS)

MINISTERE OU ORGANISME	DIRECTION	SCIENCES + PROFESSIONS	ADMIN. + SERVICE EXTERIEUR	TECHNIQUE	SOUTIEN ADMINIS- TRATIF	EXPLOI- TATION	PERSONNEL MILITAIRE	TOTAL
SANTÉ NATIONALE ET BIEN-ÊTRE SOCIAL								
SNBS	5	368	13	369	75	27	---	856
SNBS-ADM	---	---	---	---	---	---	---	---
SNBS-SSSS	1	9	7	2	9	---	---	27
SNBS-SM	---	2	---	---	1	---	---	3
SNBS-PS	4	357	6	367	65	27	---	826
SNBS-SAA	---	---	---	---	---	---	---	---
CRM	6	2	7	---	25	---	---	40
REVENU NATIONAL								
REVN	---	---	---	---	---	---	---	---
REVN-IMP	---	---	---	---	---	---	---	---
POSTES								
PO	---	---	---	---	---	---	---	---
CONSEIL PRIVÉ								
CP	---	---	---	---	---	---	---	---
CLO	---	---	---	---	---	---	---	---
CEC	---	---	---	---	---	---	---	---
TRAVAUX PUBLICS								
TP	2	32	9	12	1	---	---	55
TP-SPT	2	32	9	12	1	---	---	55
CMHC	2	10	4	12	11	---	---	39
CCN	---	---	---	---	---	---	---	---
EXPANSION ECONOMIQUE REGIONALE								
EER	---	---	---	---	---	---	---	---
SCIENCES ET TECHNOLOGIE								
ST	---	---	---	---	---	---	---	---
CNRC	5	1,035	194	1,004	552	293	---	3,083
CNRC-RSI	5	940	163	1,003	414	290	---	2,815
CNRC-IST	---	95	31	1	138	3	---	268
CRSNG	1	4	21	---	33	---	---	59
CSC	---	---	---	---	---	---	---	---
SECRETARIAT D'ETAT								
SECE	---	---	---	---	---	---	---	---
SECE-LO	---	---	---	---	---	---	---	---
SECE-AC	---	---	---	---	---	---	---	---
SECE-AE	---	---	---	---	---	---	---	---
SECE-TRA	---	---	---	---	---	---	---	---
SECE-CIT	---	---	---	---	---	---	---	---
SECE-FAS	---	---	---	---	---	---	---	---
SRC	---	---	---	---	---	---	---	---
ONF	---	3	---	9	1	---	---	13
BIBN	---	---	---	---	---	---	---	---
MUSN	3	32	68	93	45	92	---	333
AP	---	---	---	---	---	---	---	---
CFP	---	---	---	---	---	---	---	---
CRSHC	---	---	---	---	---	---	---	---
SOLLICITEUR GENERAL								
SGEN	---	---	---	---	---	---	---	---
SGEN-ADM	---	---	---	---	---	---	---	---
GRC	---	---	---	---	---	---	---	---
APPROVISIONNEMENTS ET SERVICES								
AS	2	1	73	---	59	---	---	134
AS-APP	2	1	73	---	59	---	---	134
ACL	0	4	---	2	---	---	---	6
TRANSPORTS								
TPT	1	164	---	5	2	9	---	180
TPT-ADM	0	51	---	0	0	0	---	52
TPT-EAU	1	5	---	4	2	9	---	20
TPT-AER	---	108	---	---	---	---	---	108
TPT-SUR	---	---	---	---	---	---	---	---
CTC	---	---	---	---	---	---	---	---
CPN	---	---	---	---	---	---	---	---
CONSEIL DU TRESOR								
CT	---	---	---	---	---	---	---	---
CT-ADM	---	---	---	---	---	---	---	---
STCAN	---	---	---	---	---	---	---	---
TOTAL	107	7,259	1,338	7,728	3,497	3,621	149	23,700

EFFECTIFS FEDERAUX EMPLOYES DANS LES ACTIVITES SCIENTIFIQUES
 PAR MINISTERE OU ORGANISME, PAR CATEGORIE, EN 1979-80
 (ANNEES-PERSONNES EN EQUIVALENT A PLEIN TEMPS)

MINISTERE OU ORGANISME	DIRECTION	SCIENCES + PROFESSIONS	ADMIN. + SERVICE EXTERIEUR	TECHNIQUE	SOUTIEN ADMINIS- TRATIF	EXPLOI- TATION	PERSONNEL MILITAIRE	TOTAL
AGRICULTURE								
AGR	5	1,015	102	1,063	452	1,368	---	4,005
AGR-ADM	---	39	1	4	48	---	---	92
AGR-RES	5	905	99	943	391	1,330	---	3,673
AGR-PCA	---	---	---	---	---	---	---	---
AGR-PIA	---	51	1	57	4	35	---	148
AGR-CCG	---	20	1	59	9	3	---	92
OCP	---	---	---	---	---	---	---	---
COMMUNICATIONS								
COMM	9	195	41	146	81	66	---	530
CRTC	---	---	---	---	---	---	---	---
CONSOMMATION ET CORPORATIONS								
CC	2	187	21	23	164	3	---	400
CC-ADM	---	---	---	---	---	---	---	---
CC-CON	1	10	8	23	4	3	---	49
CC-COR	---	---	---	---	---	---	---	---
CC-EC	---	---	---	---	---	---	---	---
CC-PI	1	177	13	---	160	---	---	351
EMPLOI ET IMMIGRATION								
EI	---	---	---	---	---	---	---	---
EI-ADM	---	---	---	---	---	---	---	---
CEIC	---	---	---	---	---	---	---	---
CEIC-EA	---	---	---	---	---	---	---	---
ENERGIE, MINES ET RESSOURCES								
EMR	7	848	50	827	277	188	---	2,197
EMR-ENER	4	161	7	106	44	46	---	368
EMR-MIN	---	165	7	137	57	46	---	412
EMR-SG	3	522	36	584	176	96	---	1,417
CCEA	---	6	---	---	1	---	---	7
EACL	16	645	---	815	315	552	---	2,343
NEB	1	27	---	6	13	---	---	47
ENVIRONNEMENT								
ENV	22	1,419	365	1,836	656	125	---	4,423
ENV-ADM	---	13	8	---	13	---	---	33
ENV-SE	22	1,402	357	1,836	643	125	---	4,385
ENV-SPE	2	78	3	55	15	10	---	162
ENV-SEA	5	656	169	1,145	350	39	---	2,364
ENV-SGE	7	316	160	248	274	76	---	1,081
ENV-FOR	8	353	25	388	4	---	---	778
ENV-PC	---	4	---	---	1	---	---	5
AFFAIRES EXTERIEURES								
AE	---	---	---	---	---	---	---	---
AE-ICE	---	---	---	---	---	---	---	---
ACDI	---	---	9	---	7	---	---	16
CRDI	2	25	6	---	21	---	---	54
FINANCES								
FIN	---	---	---	---	---	---	---	---
FIN-PFE	---	---	---	---	---	---	---	---
PECHES ET OCEANS								
P&O	5	535	165	841	205	474	---	2,225
P&O-GPR	5	535	165	841	205	474	---	2,225
AFFAIRES INDIENNES ET NORD CANADIEN								
AINC	---	39	3	7	3	1	---	53
AINC-AII	---	---	---	---	---	---	---	---
AINC-AN	---	39	3	7	3	1	---	53
INDUSTRIE ET COMMERCE								
IC	---	---	177	---	87	---	---	264
IC-CI	---	---	174	---	87	---	---	261
IC-TOUR	---	---	---	---	---	---	---	---
IC-CGO	---	---	3	---	---	---	---	3
JUSTICE								
JUST	---	---	---	---	---	---	---	---
JUST-ADM	---	---	---	---	---	---	---	---
JUST-CIUC	---	---	---	---	---	---	---	---
CRD	---	---	---	---	---	---	---	---
TRAVAIL								
TRAV	---	---	---	---	---	---	---	---
DEFENSE NATIONALE								
DEFN	12	518	95	501	275	302	152	1,855
DEFN-SER	12	518	95	501	275	302	152	1,855

EFFECTIFS FEDERAUX EMPLOYES DANS LES ACTIVITES SCIENTIFIQUES

PAR MINISTERE OU ORGANISME, PAR CATEGORIE, EN 1979-80

(ANNEES-PERSONNES EN EQUIVALENT A PLEIN TEMPS)

MINISTERE OU ORGANISME	DIRECTION	SCIENCES + PROFESSIONS	ADMIN. + SERVICE EXTERIEUR	TECHNIQUE	SOUTIEN ADMINIS- TRATIF	EXPLOI- TATION	PERSONNEL MILITAIRE	TOTAL
SANTÉ NATIONALE ET BIEN-ÊTRE SOCIAL								
SNBS	5	336	11	347	69	24	---	792
SNBS-ADM	---	---	---	---	---	---	---	---
SNBS-SSSS	1	6	4	1	7	---	---	19
SNBS-SM	---	2	---	---	1	---	---	3
SNBS-PS	4	328	7	346	61	24	---	770
SNBS-SAA	---	---	---	---	---	---	---	---
CRM	6	2	6	---	26	---	---	40
REVENU NATIONAL								
REL/N	---	---	---	---	---	---	---	---
REL/N-IMP	---	---	---	---	---	---	---	---
POSTES								
PO	---	---	---	---	---	---	---	---
CONSEIL PRIVÉ								
CP	---	---	---	---	---	---	---	---
CLO	---	---	---	---	---	---	---	---
CEC	---	---	---	---	---	---	---	---
TRAVAUX PUBLICS								
TP	1	30	9	11	1	---	---	52
TP-SPT	1	30	9	11	1	---	---	52
CMHC	2	10	3	12	11	---	---	39
CCN	---	---	---	---	---	---	---	---
EXPANSION ECONOMIQUE REGIONALE								
EER	---	---	---	---	---	---	---	---
SCIENCES ET TECHNOLOGIE								
ST	---	---	---	---	---	---	---	---
CNRC	5	1,080	204	988	542	286	---	3,105
CNRC-RSI	5	1,024	172	987	418	282	---	2,888
CNRC-IST	---	56	32	1	124	4	---	217
CRSNG	4	2	23	---	32	---	---	61
CSC	---	---	---	---	---	---	---	---
SECRETARIAT D'ÉTAT								
SECE	---	---	---	---	---	---	---	---
SECE-LO	---	---	---	---	---	---	---	---
SECE-AC	---	---	---	---	---	---	---	---
SECE-AE	---	---	---	---	---	---	---	---
SECE-TRA	---	---	---	---	---	---	---	---
SECE-CIT	---	---	---	---	---	---	---	---
SECE-FAS	---	---	---	---	---	---	---	---
SRC	---	---	---	---	---	---	---	---
ONF	---	3	---	9	1	---	---	13
BIBN	---	---	---	---	---	---	---	---
MUSN	3	29	67	93	45	92	---	329
AP	---	---	---	---	---	---	---	---
CFP	---	---	---	---	---	---	---	---
CRSHC	---	---	---	---	---	---	---	---
SOLLICITEUR GENERAL								
SGEN	---	---	---	---	---	---	---	---
SGEN-ADM	---	---	---	---	---	---	---	---
GRC	---	---	---	---	---	---	---	---
APPROVISIONNEMENTS ET SERVICES								
AS	2	1	74	---	59	---	---	136
AS-APP	2	1	74	---	59	---	---	136
ACL	0	4	---	2	---	---	---	6
TRANSPORTS								
TPT	1	176	---	7	2	12	---	199
TPT-ADM	0	54	---	0	0	---	---	55
TPT-EAU	1	6	---	7	2	12	---	28
TPT-AER	---	116	---	---	---	---	---	116
TPT-SUR	---	---	---	---	---	---	---	---
CTC	---	---	---	---	---	---	---	---
CPN	---	---	---	---	---	---	---	---
CONSEIL DU TRESOR								
CT	---	---	---	---	---	---	---	---
CT-ADM	---	---	---	---	---	---	---	---
STCAN	---	---	---	---	---	---	---	---
TOTAL	110	7,132	1,431	7,534	3,346	3,493	152	23,197

EFFECTIFS FEDERAUX EMPLOYES DANS LES ACTIVITES SCIENTIFIQUES
 PAR MINISTERE OU ORGANISME, PAR CATEGORIE, EN 1980-81
 (ANNEES-PERSONNES EN EQUIVALENT A PLEIN TEMPS)

MINISTERE OU ORGANISME	DIRECTION	SCIENCES + PROFESSIONS	ADMIN. + SERVICE EXTERIEUR	TECHNIQUE	SOUTIEN ADMINIS- TRATIF	EXPLOI- TATION	PERSONNEL MILITAIRE	TOTAL
AGRICULTURE								
AGR	5	1,027	103	1,054	437	1,365	---	3,991
AGR-ADM	---	38	1	4	49	---	---	92
AGR-RES	5	918	100	934	375	1,327	---	3,659
AGR-PCA	---	---	---	---	---	---	---	---
AGR-PIA	---	51	1	57	4	35	---	148
AGR-CCG	---	20	1	59	9	3	---	92
OCP	---	---	---	---	---	---	---	---
COMMUNICATIONS								
COMM	9	197	42	148	82	66	---	544
CRTC	---	---	---	---	---	---	---	---
CONSOMMATION ET CORPORATIONS								
CC	2	180	15	24	161	3	---	385
CC-ADM	---	---	---	---	---	---	---	---
CC-CON	1	10	8	24	6	3	---	52
CC-COR	---	---	---	---	---	---	---	---
CC-EC	---	---	---	---	---	---	---	---
CC-PI	1	170	7	---	155	---	---	333
EMPLOI ET IMMIGRATION								
EI	---	---	---	---	---	---	---	---
EI-ADM	---	---	---	---	---	---	---	---
CEIC	---	---	---	---	---	---	---	---
CEIC-EA	---	---	---	---	---	---	---	---
ENERGIE, MINES ET RESSOURCES								
EMR	7	863	52	821	273	171	---	2,186
EMR-ENER	4	172	6	111	45	46	---	383
EMR-MIN	---	155	8	131	55	43	---	392
EMR-SG	3	536	38	579	173	82	---	1,411
CCEA	---	6	---	---	1	---	---	7
EACL	116	658	---	820	328	551	---	2,473
NEB	1	28	---	8	12	---	---	49
ENVIRONNEMENT								
ENV	24	1,416	360	1,828	650	125	---	4,402
ENV-ADM	---	14	9	---	16	---	---	38
ENV-SE	24	1,398	351	1,828	633	125	---	4,358
ENV-SPE	2	78	3	55	15	10	---	162
ENV-SEA	5	650	164	1,136	339	39	---	2,333
ENV-SGE	7	315	160	248	274	76	---	1,080
ENV-FOR	10	355	24	389	5	---	---	783
ENV-PC	---	5	---	---	1	---	---	6
AFFAIRES EXTERIEURES								
AE	---	---	---	---	---	---	---	---
AE-ICE	---	---	---	---	---	---	---	---
ACDI	---	---	9	---	7	---	---	16
CRDI	2	26	6	---	20	---	---	54
FINANCES								
FIN	---	---	---	---	---	---	---	---
FIN-PFE	---	---	---	---	---	---	---	---
PECHES ET OCEANS								
P&O	5	535	165	841	205	474	---	2,225
P&O-GPR	5	535	165	841	205	474	---	2,225
AFFAIRES INDIENNES ET NORD CANADIEN								
AINC	---	38	3	5	2	1	---	49
AINC-AII	---	---	---	---	---	---	---	---
AINC-AN	---	38	3	5	2	1	---	49
INDUSTRIE ET COMMERCE								
IC	---	---	222	---	110	---	---	332
IC-CI	---	---	220	---	110	---	---	330
IC-TOUR	---	---	---	---	---	---	---	---
IC-CGO	---	---	2	---	---	---	---	2
JUSTICE								
JUST	---	---	---	---	---	---	---	---
JUST-ADM	---	---	---	---	---	---	---	---
JUST-CIUC	---	---	---	---	---	---	---	---
CRD	---	---	---	---	---	---	---	---
TRAVAIL								
TRAV	---	---	---	---	---	---	---	---
DEFENSE NATIONALE								
DEFN	12	554	98	504	271	300	152	1,891
DEFN-SER	12	554	98	504	271	300	152	1,891

EFFECTIFS FEDERAUX EMPLOYES DANS LES ACTIVITES SCIENTIFIQUES
PAR MINISTERE OU ORGANISME, PAR CATEGORIE, EN 1980-81
(ANNEES-PERSONNES EN EQUIVALENT A PLEIN TEMPS)

MINISTERE OU ORGANISME	DIRECTION	SCIENCES + PROFESSIONS	ADMIN. + SERVICE EXTERIEUR	TECHNIQUE	SOUTIEN ADMINIS- TRATIF	EXPLOI- TATION	PERSONNEL MILITAIRE	TOTAL
SANTÉ NATIONALE ET BIEN-ÊTRE SOCIAL								
SNBS	5	332	11	347	70	25	---	789
SNBS-ADM	---	---	---	---	---	---	---	---
SNBS-SSSS	1	4	4	1	6	---	---	15
SNBS-SM	---	2	---	---	1	---	---	3
SNBS-PS	4	326	7	346	63	25	---	771
SNBS-SAA	---	---	---	---	---	---	---	---
CRM	5	2	7	---	25	---	---	39
REVENU NATIONAL								
RE/N	---	---	---	---	---	---	---	---
RE/N-IMP	---	---	---	---	---	---	---	---
POSTES								
PO	---	---	---	---	---	---	---	---
CONSEIL PRIVÉ								
CP	---	---	---	---	---	---	---	---
CLO	---	---	---	---	---	---	---	---
CEC	---	---	---	---	---	---	---	---
TRAVAUX PUBLICS								
TP	1	26	9	11	1	---	---	48
TP-SPT	1	26	9	11	1	---	---	48
CMHC	2	10	4	12	10	---	---	39
CCN	---	---	---	---	---	---	---	---
EXPANSION ECONOMIQUE REGIONALE								
EER	---	---	---	---	---	---	---	---
SCIENCES ET TECHNOLOGIE								
ST	---	---	---	---	---	---	---	---
CNRC	5	1,894	207	982	556	287	---	3,131
CNRC-RSI	5	1,839	175	981	430	283	---	2,913
CNRC-IST	---	55	32	1	126	4	---	218
CRSNG	4	1	29	---	41	---	---	75
CSC	---	---	---	---	---	---	---	---
SECRETARIAT D'ETAT								
SECE	---	---	---	---	---	---	---	---
SECE-LO	---	---	---	---	---	---	---	---
SECE-AC	---	---	---	---	---	---	---	---
SECE-AE	---	---	---	---	---	---	---	---
SECE-TRA	---	---	---	---	---	---	---	---
SECE-CIT	---	---	---	---	---	---	---	---
SECE-FAS	---	---	---	---	---	---	---	---
SRC	---	---	---	---	---	---	---	---
ONF	---	6	---	7	1	---	---	14
BIBN	---	---	---	---	---	---	---	---
MUSN	3	29	67	93	45	90	---	327
AP	---	---	---	---	---	---	---	---
CFP	---	---	---	---	---	---	---	---
CRSHC	---	---	---	---	---	---	---	---
SOLLICITEUR GENERAL								
SGEN	---	---	---	---	---	---	---	---
SGEN-ADM	---	---	---	---	---	---	---	---
GRC	---	---	---	---	---	---	---	---
APPROVISIONNEMENTS ET SERVICES								
AS	2	1	67	---	65	---	---	134
AS-APP	2	1	67	---	65	---	---	134
ACL	1	6	---	6	---	1	---	13
TRANSPORTS								
TPT	1	174	---	8	3	12	---	198
TPT-ADM	0	53	---	1	0	0	---	54
TPT-EAU	1	5	---	7	3	12	---	27
TPT-AER	---	117	---	1	---	---	---	117
TPT-SUR	---	---	---	---	---	---	---	---
CTC	---	---	---	---	---	---	---	---
CPN	---	---	---	---	---	---	---	---
CONSEIL DU TRESOR								
CT	---	---	---	---	---	---	---	---
CT-ADM	---	---	---	---	---	---	---	---
STCAN	---	---	---	---	---	---	---	---
TOTAL	212	7,209	1,474	7,518	3,375	3,471	152	23,411

EFFECTIFS FEDERAUX EMPLOYES DANS LES ACTIVITES SCIENTIFIQUES
PAR CATEGORIE, PAR ACTIVITE, EN 1978-81

(ANNEES-PERSONNES EN EQUIVALENT A PLEIN TEMPS)

ACTIVITE	DIRECTION	SCIENCES & PROFESSIONS	ADMINISTR. & SERV. EXTER.	TECHNIQUE	SOUTIEN ADMINISTRATIF	EXPLOITATION	MILITAIRE	TOTAL
1978-79								
INTRA-MUROS R-D	56	5,278	599	4,763	1,765	2,967	139	15,558
INTRA-MUROS ASC	36	1,776	446	2,958	1,453	619	0	7,280
ADMIN. DES PROGRAMMES EXTRA-MUROS	16	214	293	15	279	35	10	862
TOTAL	107	7,259	1,338	7,728	3,497	3,621	149	23,700
1979-80								
INTRA-MUROS R-D	60	5,201	619	4,624	1,703	2,892	142	15,241
INTRA-MUROS ASC	31	1,716	453	2,895	1,323	572	0	6,990
ADMIN. DES PROGRAMMES EXTRA-MUROS	19	215	358	14	321	29	10	966
TOTAL	110	7,132	1,431	7,534	3,346	3,493	152	23,197
1980-81								
INTRA-MUROS R-D	161	5,271	626	4,619	1,702	2,885	142	15,405
INTRA-MUROS ASC	33	1,725	444	2,888	1,323	558	0	6,971
ADMIN. DES PROGRAMMES EXTRA-MUROS	18	213	405	12	350	28	10	1,035
TOTAL	212	7,209	1,474	7,518	3,375	3,471	152	23,411

3

Sciences humaines

TABLEAU 40

SCIENCES HUMAINES

DEPENSES FEDERALES EN ACTIVITES SCIENTIFIQUES
PAR EXECUTANT, EN 1978-1981

(\$ MILLIERS)

EXECUTANT	1978-79		1979-80		1980-81	
	\$	%	\$	%	\$	%
INTRA-MUROS	308,855	(75.1)	314,251	(75.7)	341,197	(76.3)
INDUSTRIE	14,478	(3.5)	16,361	(3.9)	16,023	(3.6)
UNIVERSITES	40,880	(9.9)	41,430	(10.0)	48,666	(10.9)
INSTITUTIONS A BUT NON-LUC.	16,574	(4.0)	14,722	(3.5)	11,651	(2.6)
ADMIN. PROV. & MUN.	8,277	(2.0)	6,576	(1.6)	7,051	(1.6)
ETRANGERS	15,308	(3.7)	14,558	(3.5)	15,120	(3.4)
AUTRES CANADIENS	6,898	(1.7)	7,393	(1.8)	7,433	(1.7)
TOTAL	411,270	(100.0)	415,291	(100.0)	447,141	(100.0)

** DEPENSES INTRA-MUROS NE COMPRENNENT PAS LES COUTS AUTRES QUE LES PROGRAMMES

DEPENSES FEDERALES EN ACTIVITES SCIENTIFIQUES
 TOTAL DES ELEMENTS

ANNEE FINANCIERE 1978-79

(\$ MILLIERS)

	INTERNES	L'INDUSTRIE CANADIENNE	UNIVERSITES CANADIENNES	INST. A BUT NON LUCRATIF	ADMIN. PROM. ET MUNIC.	EXECUTANTS ETRANGERS	AUTRES EXECUTANTS	TOTAL
R-D INTERNES	32,015	0	0	0	0	0	0	32,015
CONTRATS DE R-D	1,495	2,547	2,039	1,504	37	216	1,524	9,362
CONTRATS SECONDAIRES	716	0	0	0	0	0	0	716
SUBP. ET CONTR. DE R-D	0	2,339	19,248	9,787	3,759	8,968	54	44,155
BOURSES DE RECHERCHE	0	0	4,731	37	0	1,165	102	6,035
ADMIN. EXTRA-MUROS R-D	7,596	0	0	0	0	0	0	7,596
DEPENSES EN CAPITAL - R-D	387	0	0	0	0	0	0	387
SOUS-TOTAL R-D	42,209	4,886	26,018	11,328	3,796	10,349	1,680	100,266
COLLECTE DE DONNEES	126,092	2,409	401	233	161	0	812	130,108
SERVICES DE RENSEIGNEMENTS	41,522	540	1,729	2,972	1,102	1,157	363	49,385
ETUDES ECON. ET FAIS.	18,390	1,406	330	596	0	106	368	21,276
ETUDES OPER. ET POL.	43,179	4,387	1,183	459	2	129	423	49,682
AIDE A L'EDUCATION	78	0	10,837	333	0	3,445	616	15,399
MUSEES	26,038	850	462	653	3,216	42	2,636	33,897
ADMIN. EXTRA-MUROS ASC	5,606	0	0	0	0	0	0	5,606
DEPENSES EN CAPITAL - ASC	5,741	0	0	0	0	0	0	5,741
SOUS-TOTAL ASC	266,646	9,592	14,862	5,246	4,481	4,959	5,218	311,004
TOTAL	308,855	14,478	40,880	16,574	8,277	15,308	6,898	411,270

ANNEE FINANCIERE 1979-80

(\$ MILLIERS)

	INTERNES	L'INDUSTRIE CANADIENNE	UNIVERSITES CANADIENNES	INST. A BUT NON LUCRATIF	ADMIN. PROM. ET MUNIC.	EXECUTANTS ETRANGERS	AUTRES EXECUTANTS	TOTAL
R-D INTERNES	31,699	0	0	0	0	0	0	31,699
CONTRATS DE R-D	1,299	4,538	2,334	563	69	178	1,031	10,812
CONTRATS SECONDAIRES	1,330	0	0	0	0	0	0	1,330
SUBP. ET CONTR. DE R-D	0	2,044	19,502	8,810	2,105	8,617	302	41,380
BOURSES DE RECHERCHE	0	0	5,631	11	0	1,076	68	6,786
ADMIN. EXTRA-MUROS R-D	7,942	0	0	0	0	0	0	7,942
DEPENSES EN CAPITAL - R-D	136	0	0	0	0	0	0	136
SOUS-TOTAL R-D	42,406	6,582	27,467	9,384	2,174	9,871	2,201	100,005
COLLECTE DE DONNEES	123,840	2,855	551	198	291	0	644	128,379
SERVICES DE RENSEIGNEMENTS	44,005	677	1,976	3,094	1,107	1,223	402	52,484
ETUDES ECON. ET FAIS.	18,777	2,411	207	486	0	235	404	22,520
ETUDES OPER. ET POL.	49,116	3,042	419	588	26	0	703	53,894
AIDE A L'EDUCATION	89	0	10,373	364	0	3,188	591	14,605
MUSEES	25,965	794	437	608	2,978	41	2,448	33,271
ADMIN. EXTRA-MUROS ASC	5,458	0	0	0	0	0	0	5,458
DEPENSES EN CAPITAL - ASC	4,595	0	0	0	0	0	0	4,595
SOUS-TOTAL ASC	271,845	9,779	13,963	5,338	4,402	4,687	5,192	315,206
TOTAL	314,251	16,361	41,430	14,722	6,576	14,558	7,393	415,291

ANNEE FINANCIERE 1980-81

(\$ MILLIERS)

	INTERNES	L'INDUSTRIE CANADIENNE	UNIVERSITES CANADIENNES	INST. A BUT NON LUCRATIF	ADMIN. PROM. ET MUNIC.	EXECUTANTS ETRANGERS	AUTRES EXECUTANTS	TOTAL
R-D INTERNES	34,241	0	0	0	0	0	0	34,241
CONTRATS DE R-D	1,330	3,926	2,199	349	76	106	1,099	9,084
CONTRATS SECONDAIRES	1,419	0	0	0	0	0	0	1,419
SUBP. ET CONTR. DE R-D	0	930	22,753	5,580	1,975	8,778	90	40,106
BOURSES DE RECHERCHE	0	0	7,963	12	0	1,104	69	9,148
ADMIN. EXTRA-MUROS R-D	8,177	0	0	0	0	0	0	8,177
DEPENSES EN CAPITAL - R-D	101	0	0	0	0	0	0	101
SOUS-TOTAL R-D	45,268	4,856	32,914	5,941	2,051	9,988	2,058	103,076
COLLECTE DE DONNEES	134,863	3,527	591	200	273	0	633	140,087
SERVICES DE RENSEIGNEMENTS	49,825	790	2,630	3,327	1,629	1,275	479	59,955
ETUDES ECON. ET FAIS.	20,642	2,683	245	486	0	265	452	24,733
ETUDES OPER. ET POL.	52,521	3,349	442	670	42	0	735	57,759
AIDE A L'EDUCATION	114	0	11,390	401	0	3,530	647	16,082
MUSEES	26,577	818	454	626	3,056	42	2,429	34,002
ADMIN. EXTRA-MUROS ASC	6,533	0	0	0	0	0	0	6,533
DEPENSES EN CAPITAL - ASC	4,854	0	0	0	0	0	0	4,854
SOUS-TOTAL ASC	295,929	11,167	15,752	5,710	5,000	5,132	5,375	344,065
TOTAL	341,197	16,023	48,666	11,651	7,051	15,120	7,433	447,141

DEPENSES FEDERALES EN ACTIVITES SCIENTIFIQUES
PAR MINISTERE OU ORGANISME
(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	R-D	ASC	TOTAL	R-D	ASC	TOTAL	R-D	ASC	TOTAL
AGRICULTURE									
AGR	3,133	---	3,133	3,336	---	3,336	3,826	---	3,826
AGR-ADM	3,133	---	3,133	3,336	---	3,336	3,826	---	3,826
AGR-RES	---	---	---	---	---	---	---	---	---
AGR-PCA	---	---	---	---	---	---	---	---	---
AGR-PIA	---	---	---	---	---	---	---	---	---
AGR-CCG	---	---	---	---	---	---	---	---	---
OCP	109	17	126	133	17	150	138	17	155
COMMUNICATIONS									
COMM	2,254	3,766	6,020	1,921	4,340	6,261	730	4,749	5,479
CRTC	540	---	540	657	---	657	776	---	776
CONSUMMATION ET CORPORATIONS									
CC	2,046	755	2,801	1,932	1,051	2,983	2,066	963	3,029
CC-ADM	---	334	334	---	725	725	---	561	561
CC-CON	1,202	1	1,203	1,219	---	1,219	1,439	---	1,439
CC-COR	442	---	442	332	---	332	272	---	272
CC-EC	402	420	822	381	326	707	355	402	757
CC-FI	---	---	---	---	---	---	---	---	---
EMPLOI ET IMMIGRATION									
EI	1,184	8,819	10,003	1,536	8,654	10,190	1,448	8,311	9,759
EI-ADM	1,184	8,819	10,003	1,536	8,654	10,190	1,448	8,311	9,759
CEIC	---	3,865	3,865	---	5,800	5,800	---	6,184	6,184
CEIC-EA	---	3,865	3,865	---	5,800	5,800	---	6,184	6,184
ENERGIE, MINES ET RESSOURCES									
EMR	2,257	6,215	8,472	2,260	7,840	10,100	1,965	9,061	11,026
EMR-ENER	20	1,724	1,744	198	3,079	3,277	203	4,171	4,374
EMR-MIN	2,237	4,491	6,728	2,062	4,761	6,823	1,762	4,890	6,652
EMR-SG	---	---	---	---	---	---	---	---	---
CCEA	---	---	---	---	---	---	---	---	---
EACL	---	---	---	---	---	---	---	---	---
NEB	---	405	405	---	449	449	---	529	529
ENVIRONNEMENT									
ENV	947	11,551	12,498	1,062	12,599	13,661	1,088	13,561	14,649
ENV-ADM	---	228	228	---	192	192	---	261	261
ENV-SE	715	3,266	3,981	807	3,538	4,345	807	3,538	4,345
ENV-SPE	---	---	---	---	---	---	---	---	---
ENV-SEA	---	---	---	---	---	---	---	---	---
ENV-SGE	715	3,266	3,981	807	3,538	4,345	807	3,538	4,345
ENV-FOR	---	---	---	---	---	---	---	---	---
ENV-PC	232	8,057	8,289	255	8,869	9,124	281	9,762	10,043
AFFAIRES EXTERIEURES									
AE	---	4,821	4,821	---	5,220	5,220	---	5,271	5,271
AE-ICE	---	4,821	4,821	---	5,220	5,220	---	5,271	5,271
ACDI	2,503	2,634	5,137	2,491	2,795	5,286	1,456	3,200	4,656
CRDI	12,651	4,702	17,353	12,303	4,865	17,168	13,628	6,177	19,805
FINANCES									
FIN	---	7,528	7,528	---	8,493	8,493	---	9,087	9,087
FIN-PFE	---	7,528	7,528	---	8,493	8,493	---	9,087	9,087
PECHES ET OCEANS									
P&O	406	2,740	3,146	790	2,560	3,350	825	2,675	3,500
P&O-GPR	406	2,740	3,146	790	2,560	3,350	825	2,675	3,500
AFFAIRES INDIENNES ET NORD CANADIEN									
AINC	1,246	2,545	3,791	1,159	2,750	3,909	1,336	3,012	4,348
AINC-AII	260	1,428	1,688	260	1,428	1,688	267	1,438	1,705
AINC-AN	986	1,117	2,103	899	1,322	2,221	1,069	1,574	2,643
INDUSTRIE ET COMMERCE									
IC	557	1,021	1,578	995	959	1,954	2,217	820	3,037
IC-CI	310	959	1,269	748	861	1,609	1,970	722	2,692
IC-TOUR	247	62	309	247	98	345	247	98	345
IC-CGO	---	---	---	---	---	---	---	---	---
JUSTICE									
JUST	1,814	760	2,574	2,659	2,093	4,752	2,957	2,003	4,960
JUST-ADM	1,814	760	2,574	2,659	764	3,423	2,957	903	3,860
JUST-CIUC	---	---	---	---	1,329	1,329	---	1,100	1,100
CRD	1,619	726	2,345	1,663	706	2,369	1,756	1,001	2,757
TRAVAIL									
TRAV	530	2,800	3,330	468	2,757	3,225	603	3,210	3,813
DEFENSE NATIONALE									
DEFN	728	978	1,706	747	946	1,693	808	1,040	1,848
DEFN-SER	728	978	1,706	747	946	1,693	808	1,040	1,848

DEPENSES FEDERALES EN ACTIVITES SCIENTIFIQUES

PAR MINISTERE OU ORGANISME

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	R-D	ASC	TOTAL	R-D	ASC	TOTAL	R-D	ASC	TOTAL
SANTÉ NATIONALE ET BIEN-ÊTRE SOCIAL									
SNBS	13,210	8,124	21,334	9,305	6,670	15,975	10,034	8,027	18,061
SNBS-ADM	2,623	4,092	6,715	1,410	3,877	5,287	1,635	4,805	6,440
SNBS-SSSS	10,587	3,136	13,723	7,895	1,800	9,775	8,399	2,207	10,606
SNBS-SM	---	---	---	---	---	---	---	---	---
SNBS-PS	---	368	368	---	426	426	---	484	484
SNBS-SAA	---	528	528	---	487	487	---	531	531
CRM	---	---	---	---	---	---	---	---	---
REVENU NATIONAL									
REVN	1,726	2,536	4,262	1,394	2,915	4,309	1,457	3,406	4,863
REVN-IMP	1,726	2,536	4,262	1,394	2,915	4,309	1,457	3,406	4,863
POSTES									
PO	234	399	633	201	319	520	760	220	980
CONSEIL PRIVÉ									
CP	4,107	243	4,350	1,796	6	1,802	549	---	549
CLO	---	590	590	---	875	875	---	975	975
CEC	7,524	672	8,196	8,576	987	9,563	7,238	960	8,198
TRAVAUX PUBLICS									
TP	---	---	---	---	---	---	---	---	---
TP-SPT	---	---	---	---	---	---	---	---	---
CMHC	1,371	4,971	6,342	2,540	5,437	7,977	2,983	6,642	9,625
CCN	574	381	955	638	495	1,133	661	430	1,091
EXPANSION ÉCONOMIQUE RÉGIONALE									
EER	776	541	1,317	940	797	1,737	1,070	1,017	2,087
SCIENCES ET TECHNOLOGIE									
ST	---	5,775	5,775	---	6,115	6,115	---	7,038	7,038
CNRC	---	---	---	---	---	---	---	---	---
CNRC-RSI	---	---	---	---	---	---	---	---	---
CNRC-IST	---	---	---	---	---	---	---	---	---
CRSNG	---	---	---	---	---	---	---	---	---
CSC	1,141	1,169	2,310	1,263	1,178	2,441	1,339	1,347	2,686
SECRETARIAT D'ÉTAT									
SECE	4,569	3,428	7,997	5,904	3,496	9,400	3,798	3,900	7,698
SECE-LO	523	255	778	480	224	704	480	249	729
SECE-AC	---	622	622	---	582	582	---	597	597
SECE-AE	---	304	304	---	200	200	---	220	220
SECE-TRA	2,554	1,803	4,357	2,660	2,189	4,849	2,854	2,371	5,225
SECE-CIT	1,492	444	1,936	2,764	301	3,065	464	463	927
SECE-FAS	---	---	---	---	---	---	---	---	---
SRC	---	3,114	3,114	---	3,320	3,320	---	3,466	3,466
ONF	---	---	---	---	---	---	---	---	---
BIBN	---	13,075	13,075	---	14,735	14,735	---	17,178	17,178
MUSN	2,634	33,380	36,014	2,432	30,448	32,880	2,573	31,014	33,587
AP	---	8,347	8,347	---	8,833	8,833	---	9,900	9,900
CFP	104	---	104	---	212	212	---	---	---
CRSHC	19,265	15,337	34,602	20,915	15,727	36,642	24,856	17,785	42,641
SOLLICITEUR GÉNÉRAL									
SGEN	1,436	832	2,268	1,799	785	2,584	1,752	794	2,546
SGEN-ADM	1,436	832	2,268	1,799	785	2,584	1,752	794	2,546
GRC	---	---	---	---	---	---	---	---	---
APPROVISIONNEMENTS ET SERVICES									
AS	167	187	354	221	559	780	335	639	974
AS-APP	167	187	354	221	559	780	335	639	974
ACL	---	---	---	---	---	---	---	---	---
TRANSPORTS									
TPT	645	74	719	252	---	252	85	---	85
TPT-ADM	90	---	90	50	---	50	---	---	---
TPT-EAU	---	---	---	---	---	---	---	---	---
TPT-AER	---	---	---	25	---	25	15	---	15
TPT-SUR	555	74	629	177	---	177	70	---	70
CTC	1,518	2,119	3,637	1,095	1,623	2,718	1,095	1,623	2,718
CPN	---	---	---	---	---	---	---	---	---
CONSEIL DU TRÉSOR									
CT	106	10,408	10,514	110	11,629	11,739	113	11,673	11,786
CT-ADM	106	10,408	10,514	110	11,629	11,739	113	11,673	11,786
STCAN	4,635	128,654	133,289	4,380	123,363	127,743	4,755	135,160	139,915
TOTAL	100,266	311,004	411,270	100,085	315,206	415,291	103,076	344,065	447,141

** DEPENSES INTRA-MUROS NE COMPRENNENT PAS LES COÛTS AUTRES QUE LES PROGRAMMES

DEPENSES FEDERALES INTRA-MUROS ET EXTRA-MUROS EN ACTIVITES SCIENTIFIQUES

PAR MINISTERE OU ORGANISME

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	INTRA- MUROS	EXTRA- MUROS	TOTAL	INTRA- MUROS	EXTRA- MUROS	TOTAL	INTRA- MUROS	EXTRA- MUROS	TOTAL
AGRICULTURE									
AGR	3,044	89	3,133	3,194	142	3,336	3,595	231	3,826
AGR-ADM	3,044	89	3,133	3,194	142	3,336	3,595	231	3,826
AGR-RES	---	---	---	---	---	---	---	---	---
AGR-PCA	---	---	---	---	---	---	---	---	---
AGR-PIA	---	---	---	---	---	---	---	---	---
AGR-CCG	---	---	---	---	---	---	---	---	---
OCP	86	40	126	90	60	150	95	60	155
COMMUNICATIONS									
COMM	3,101	2,919	6,020	3,502	2,759	6,261	3,890	1,589	5,479
CRTC	435	105	540	586	71	657	666	110	776
CONSUMMATION ET CORPORATIONS									
CC	1,553	1,248	2,801	1,696	1,287	2,983	1,703	1,326	3,029
CC-ADM	327	7	334	620	105	725	469	92	561
CC-CON	664	539	1,203	556	663	1,219	749	690	1,439
CC-COR	142	300	442	121	211	332	112	160	272
CC-EC	420	402	822	399	308	707	373	384	757
CC-PI	---	---	---	---	---	---	---	---	---
EMPLOI ET IMMIGRATION									
EI	7,785	2,218	10,003	9,359	831	10,190	8,858	901	9,759
EI-ADM	7,785	2,218	10,003	9,359	831	10,190	8,858	901	9,759
CEIC	2,822	1,043	3,865	3,855	1,945	5,800	4,087	2,097	6,184
CEIC-EA	2,822	1,043	3,865	3,855	1,945	5,800	4,087	2,097	6,184
ENERGIE, MINES ET RESSOURCES									
EMR	5,715	2,757	8,472	7,432	2,668	10,100	8,501	2,525	11,026
EMR-ENER	1,162	582	1,744	2,557	720	3,277	3,484	890	4,374
EMR-MIN	4,553	2,175	6,728	4,875	1,948	6,823	5,017	1,635	6,652
EMR-SG	---	---	---	---	---	---	---	---	---
CCEA	---	---	---	---	---	---	---	---	---
EACL	---	---	---	---	---	---	---	---	---
NEB	405	---	405	449	---	449	529	---	529
ENVIRONNEMENT									
ENV	11,776	722	12,498	12,560	1,101	13,661	13,488	1,161	14,649
ENV-ADM	228	---	228	192	---	192	261	---	261
ENV-SE	3,741	240	3,981	3,780	565	4,345	3,780	565	4,345
ENV-SPE	---	---	---	---	---	---	---	---	---
ENV-SEA	---	---	---	---	---	---	---	---	---
ENV-SGE	3,741	240	3,981	3,780	565	4,345	3,780	565	4,345
ENV-FOR	---	---	---	---	---	---	---	---	---
ENV-PC	7,807	482	8,289	8,588	536	9,124	9,447	596	10,043
AFFAIRES EXTERIEURES									
AE	3,404	1,417	4,821	3,810	1,410	5,220	3,806	1,465	5,271
AE-ICE	3,404	1,417	4,821	3,810	1,410	5,220	3,806	1,465	5,271
ACDI	1,389	3,748	5,137	1,400	3,886	5,286	1,552	3,104	4,656
CRDI	8,204	9,149	17,353	8,349	8,819	17,168	9,616	10,189	19,805
FINANCES									
FIN	7,528	---	7,528	8,493	---	8,493	9,087	---	9,087
FIN-PFE	7,528	---	7,528	8,493	---	8,493	9,087	---	9,087
PECHE ET OCEANS									
P&O	2,846	300	3,146	3,050	300	3,350	3,200	300	3,500
P&O-GPR	2,846	300	3,146	3,050	300	3,350	3,200	300	3,500
AFFAIRES INDIENNES ET NORD CANADIEN									
AINC	1,615	2,176	3,791	1,635	2,274	3,909	1,859	2,489	4,348
AINC-AII	100	1,588	1,688	100	1,588	1,688	105	1,600	1,705
AINC-AN	1,515	588	2,103	1,535	686	2,221	1,754	889	2,643
INDUSTRIE ET COMMERCE									
IC	533	1,045	1,578	636	1,318	1,954	673	2,364	3,037
IC-CI	380	889	1,269	447	1,162	1,609	484	2,208	2,692
IC-TOUR	153	156	309	189	156	345	189	156	345
IC-CGO	---	---	---	---	---	---	---	---	---
JUSTICE									
JUST	1,040	1,534	2,574	2,518	2,234	4,752	2,404	2,556	4,960
JUST-ADM	1,040	1,534	2,574	1,189	2,234	3,423	1,304	2,556	3,860
JUST-CIUC	---	---	---	1,329	---	1,329	1,100	---	1,100
CRD	1,847	498	2,345	1,793	576	2,369	1,931	826	2,757
TRAVAIL									
TRAV	3,027	303	3,330	3,015	210	3,225	3,446	367	3,813
DEFENSE NATIONALE									
DEFN	1,461	245	1,706	1,529	164	1,693	1,686	162	1,848
DEFN-SER	1,461	245	1,706	1,529	164	1,693	1,686	162	1,848

DEPENSES FEDERALES INTRA-MUROS ET EXTRA-MUROS EN ACTIVITES SCIENTIFIQUES

PAR MINISTERE OU ORGANISME

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	INTRA- MUROS	EXTRA- MUROS	TOTAL	INTRA- MUROS	EXTRA- MUROS	TOTAL	INTRA- MUROS	EXTRA- MUROS	TOTAL
SANTÉ NATIONALE ET BIEN-ÊTRE SOCIAL									
SNBS	7,090	14,244	21,334	6,269	9,706	15,975	7,423	10,638	18,061
SNBS-ADM	4,557	2,158	6,715	4,217	1,070	5,287	4,870	1,570	6,440
SNBS-SSSS	1,637	12,086	13,723	1,139	8,636	9,775	1,538	9,068	10,606
SNBS-SM	---	---	---	---	---	---	---	---	---
SNBS-PS	368	---	368	426	---	426	484	---	484
SNBS-SAA	528	---	528	487	---	487	531	---	531
CRM	---	---	---	---	---	---	---	---	---
REVENU NATIONAL									
REVN	4,262	---	4,262	4,309	---	4,309	4,863	---	4,863
REVN-IMP	4,262	---	4,262	4,309	---	4,309	4,863	---	4,863
POSTES									
PO	523	110	633	506	14	520	445	535	980
CONSEIL PRIVÉ									
CP	243	4,107	4,350	6	1,796	1,802	---	549	549
CLO	590	---	590	875	---	875	975	---	975
CEC	7,489	707	8,196	7,497	2,066	9,563	7,695	503	8,198
TRAVAUX PUBLICS									
TP	---	---	---	---	---	---	---	---	---
TP-SPT	---	---	---	---	---	---	---	---	---
CMHC	3,810	2,532	6,342	4,343	3,634	7,977	5,827	3,798	9,625
CCN	955	---	955	1,133	---	1,133	1,091	---	1,091
EXPANSION ECONOMIQUE REGIONALE									
EER	772	545	1,317	926	811	1,737	1,028	1,059	2,087
SCIENCES ET TECHNOLOGIE									
ST	5,307	468	5,775	5,609	506	6,115	6,511	527	7,038
CNRC	---	---	---	---	---	---	---	---	---
CNRC-RSI	---	---	---	---	---	---	---	---	---
CNRC-IST	---	---	---	---	---	---	---	---	---
CRSNG	---	---	---	---	---	---	---	---	---
CSC	1,981	329	2,310	2,068	373	2,441	2,294	392	2,686
SECRETARIAT D'ETAT									
SECE	4,524	3,473	7,997	4,820	4,580	9,400	5,240	2,458	7,698
SECE-LO	101	677	778	79	625	704	84	645	729
SECE-AC	285	337	622	389	193	582	404	193	597
SECE-AE	304	---	304	200	---	200	220	---	220
SECE-TRA	3,650	707	4,357	4,083	766	4,849	4,459	766	5,225
SECE-CIT	184	1,752	1,936	69	2,996	3,065	73	854	927
SECE-FAS	---	---	---	---	---	---	---	---	---
SRC	1,459	1,655	3,114	1,520	1,800	3,320	1,377	2,089	3,466
ONF	---	---	---	---	---	---	---	---	---
BIBN	13,051	24	13,075	14,712	23	14,735	17,155	23	17,178
MUSH	28,140	7,874	36,014	25,589	7,291	32,880	26,185	7,402	33,587
AP	8,347	---	8,347	8,833	---	8,833	9,900	---	9,900
CFP	104	---	104	212	---	212	---	---	---
CRSHC	3,378	31,224	34,602	3,632	33,010	36,642	3,999	38,642	42,641
SOLLICITEUR GENERAL									
SGEN	623	1,645	2,268	734	1,850	2,584	582	1,964	2,546
SGEN-ADM	623	1,645	2,268	734	1,850	2,584	582	1,964	2,546
GRC	---	---	---	---	---	---	---	---	---
APPROVISIONNEMENTS ET SERVICES									
AS	14	340	354	30	750	780	74	900	974
AS-APP	14	340	354	30	750	780	74	900	974
ACL	---	---	---	---	---	---	---	---	---
TRANSPORTS									
TPT	65	654	719	102	150	252	70	15	85
TPT-ADM	---	90	90	---	50	50	---	---	---
TPT-EAU	---	---	---	---	---	---	---	---	---
TPT-AER	---	---	---	---	25	25	---	15	15
TPT-SUR	65	564	629	102	75	177	70	---	70
CTC	2,881	756	3,637	2,234	484	2,718	2,234	484	2,718
CPN	---	---	---	---	---	---	---	---	---
CONSEIL DU TRESOR									
CT	10,408	106	10,514	11,629	110	11,739	11,673	113	11,786
CT-ADM	10,408	106	10,514	11,629	110	11,739	11,673	113	11,786
STCAN	133,223	66	133,289	127,712	31	127,743	139,884	31	139,915
TOTAL	308,855	102,415	411,270	314,251	101,040	415,291	341,197	105,944	447,141

** DEPENSES INTRA-MUROS NE COMPRENNENT PAS LES COÛTS AUTRES QUE LES PROGRAMMES

DEPENSES FEDERALES EN ACTIVITES SCIENTIFIQUES

INTRA-MUROS, PAR MINISTERE OU ORGANISME

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	R-D	ASC	TOTAL	R-D	ASC	TOTAL	R-D	ASC	TOTAL
AGRICULTURE									
AGR	3,044	---	3,044	3,194	---	3,194	3,595	---	3,595
AGR-ADM	3,044	---	3,044	3,194	---	3,194	3,595	---	3,595
OCP	74	12	86	78	12	90	83	12	95
COMMUNICATIONS									
COMM	---	3,101	3,101	---	3,502	3,502	---	3,890	3,890
CRTC	435	---	435	586	---	586	666	---	666
CONSOMMATION ET CORPORATIONS									
CC	1,207	346	1,553	1,058	638	1,696	1,216	487	1,703
CC-ADM	---	327	327	---	620	620	---	469	469
CC-CON	663	1	664	556	---	556	749	---	749
CC-COR	142	---	142	121	---	121	112	---	112
CC-EC	402	18	420	381	18	399	355	18	373
EMPLOI ET IMMIGRATION									
EI	1,099	6,686	7,785	1,475	7,884	9,359	1,384	7,474	8,858
EI-ADM	1,099	6,686	7,785	1,475	7,884	9,359	1,384	7,474	8,858
CEIC	---	2,822	2,822	---	3,855	3,855	---	4,087	4,087
CEIC-EA	---	2,822	2,822	---	3,855	3,855	---	4,087	4,087
ENERGIE, MINES ET RESSOURCES									
EMR	140	5,575	5,715	152	7,280	7,432	160	8,341	8,501
EMR-ENER	20	1,142	1,162	28	2,529	2,557	33	3,451	3,484
EMR-MIN	120	4,433	4,553	124	4,751	4,875	127	4,890	5,017
NEB	---	405	405	---	449	449	---	529	529
ENVIRONNEMENT									
ENV	651	11,125	11,776	657	11,903	12,560	657	12,831	13,488
ENV-ADM	---	228	228	---	192	192	---	261	261
ENV-SE	651	3,090	3,741	657	3,123	3,780	657	3,123	3,780
ENV-SGE	651	3,090	3,741	657	3,123	3,780	657	3,123	3,780
ENV-PC	---	7,807	7,807	---	8,588	8,588	---	9,447	9,447
AFFAIRES EXTERIEURES									
AE	---	3,404	3,404	---	3,810	3,810	---	3,806	3,806
AE-ICE	---	3,404	3,404	---	3,810	3,810	---	3,806	3,806
ACDI	329	1,060	1,389	336	1,064	1,400	256	1,296	1,552
CRDI	4,376	3,828	8,204	4,483	3,866	8,349	4,517	5,099	9,616
FINANCES									
FIN	---	7,528	7,528	---	8,493	8,493	---	9,087	9,087
FIN-PFE	---	7,528	7,528	---	8,493	8,493	---	9,087	9,087
PECHES ET OCEANS									
P&O	406	2,440	2,846	790	2,260	3,050	825	2,375	3,200
P&O-GPR	406	2,440	2,846	790	2,260	3,050	825	2,375	3,200
AFFAIRES INDIENNES ET NORD CANADIEN									
AINC	603	1,012	1,615	531	1,104	1,635	580	1,279	1,859
AINC-AII	25	75	100	25	75	100	25	80	105
AINC-AN	578	937	1,515	506	1,029	1,535	555	1,199	1,754
INDUSTRIE ET COMMERCE									
IC	171	362	533	213	423	636	225	448	673
IC-CI	80	300	380	122	325	447	134	350	484
IC-TOUR	91	62	153	91	98	189	91	98	189
JUSTICE									
JUST	727	313	1,040	838	1,680	2,518	942	1,462	2,404
JUST-ADM	727	313	1,040	838	351	1,189	942	362	1,304
JUST-CIUC	---	---	0	---	1,329	1,329	---	1,100	1,100
CRD	1,409	438	1,847	1,454	339	1,793	1,547	384	1,931
TRAVAIL									
TRAV	371	2,656	3,027	354	2,661	3,015	411	3,035	3,446
DEFENSE NATIONALE									
DEFN	728	733	1,461	747	782	1,529	808	878	1,686
DEFN-SER	728	733	1,461	747	782	1,529	808	878	1,686

DEPENSES FEDERALES EN ACTIVITES SCIENTIFIQUES

INTRA-MUROS, PAR MINISTERE OU ORGANISME

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	R-D	ASC	TOTAL	R-D	ASC	TOTAL	R-D	ASC	TOTAL
SANTÉ NATIONALE ET BIEN-ÊTRE SOCIAL									
SNBS	2,435	4,655	7,090	1,850	4,419	6,269	2,194	5,229	7,423
SNBS-ADM	1,535	3,022	4,557	1,410	2,807	4,217	1,635	3,235	4,870
SNBS-SSSS	900	737	1,637	440	699	1,139	559	979	1,538
SNBS-PS	---	368	368	---	426	426	---	484	484
SNBS-SAA	---	528	528	---	487	487	---	531	531
REVENU NATIONAL									
REVN	1,726	2,536	4,262	1,394	2,915	4,309	1,457	3,406	4,863
REVN-IMP	1,726	2,536	4,262	1,394	2,915	4,309	1,457	3,406	4,863
POSTES									
PO	124	399	523	187	319	506	225	220	445
CONSEIL PRIVÉ									
CP	---	243	243	---	6	6	---	---	0
CLO	---	590	590	---	875	875	---	975	975
CEC	6,817	672	7,489	6,510	987	7,497	6,735	960	7,695
TRAVAUX PUBLICS									
CMHC	805	3,005	3,810	991	3,352	4,343	1,493	4,334	5,827
CCN	574	381	955	638	495	1,133	661	430	1,091
EXPANSION ÉCONOMIQUE RÉGIONALE									
EER	770	2	772	923	3	926	1,025	3	1,028
SCIENCES ET TECHNOLOGIE									
ST	---	5,307	5,307	---	5,609	5,609	---	6,511	6,511
CSC	812	1,169	1,981	890	1,178	2,068	947	1,347	2,294
SECRETARIAT D'ÉTAT									
SECE	2,153	2,371	4,524	2,184	2,636	4,820	2,378	2,862	5,240
SECE-LO	---	101	101	---	79	79	---	84	84
SECE-AC	---	285	285	---	389	389	---	404	404
SECE-AE	---	304	304	---	200	200	---	220	220
SECE-TRA	2,094	1,556	3,650	2,184	1,899	4,083	2,378	2,081	4,459
SECE-CIT	59	125	184	---	69	69	---	73	73
SRC	---	1,459	1,459	---	1,520	1,520	---	1,377	1,377
BIBN	---	13,051	13,051	---	14,712	14,712	---	17,155	17,155
MUSN	2,457	25,683	28,140	2,271	23,318	25,589	2,404	23,781	26,185
AP	---	8,347	8,347	---	8,833	8,833	---	9,900	9,900
CFP	104	---	104	212	---	212	---	---	0
CRSHC	1,774	1,604	3,378	1,888	1,744	3,632	2,066	1,933	3,999
SOLLICITEUR GÉNÉRAL									
SGEN	243	380	623	303	431	734	232	350	582
SGEN-ADM	243	380	623	303	431	734	232	350	582
APPROVISIONNEMENTS ET SERVICES									
AS	6	8	14	8	22	30	25	49	74
AS-APP	6	8	14	8	22	30	25	49	74
TRANSPORTS									
TPT	65	---	65	102	---	102	70	---	70
TPT-SUR	65	---	65	102	---	102	70	---	70
CTC	939	1,942	2,881	729	1,505	2,234	729	1,505	2,234
CONSEIL DU TRÉSOR									
CT	---	10,408	10,408	---	11,629	11,629	---	11,673	11,673
CT-ADM	---	10,408	10,408	---	11,629	11,629	---	11,673	11,673
STCAN	4,635	128,588	133,223	4,380	123,332	127,712	4,755	135,129	139,884
TOTAL	42,209	266,646	308,855	42,406	271,845	314,251	45,268	295,929	341,197

** DEPENSES INTRA-MUROS NE COMPRENNENT PAS LES COUTS AUTRES QUE LES PROGRAMMES

DEPENSES FEDERALES EN ACTIVITES SCIENTIFIQUES

INDUSTRIE, PAR MINISTERE OU ORGANISME

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	R-D	ASC	TOTAL	R-D	ASC	TOTAL	R-D	ASC	TOTAL
AGRICULTURE									
AGR	21	---	21	52	---	52	171	---	171
AGR-ADM	21	---	21	52	---	52	171	---	171
OCP	---	5	5	5	5	10	5	5	10
COMMUNICATIONS									
COMM	2,254	581	2,835	1,921	783	2,704	730	804	1,534
CRTC	30	---	30	14	---	14	35	---	35
CONSOMMATION ET CORPORATIONS									
CC	158	58	216	316	45	361	280	55	335
CC-CON	115	---	115	183	---	183	200	---	200
CC-COR	43	---	43	133	---	133	80	---	80
CC-EC	---	58	58	---	45	45	---	55	55
EMPLOI ET IMMIGRATION									
EI	81	2,133	2,214	58	770	828	61	837	898
EI-ADM	81	2,133	2,214	58	770	828	61	837	898
CEIC	---	864	864	---	1,520	1,520	---	1,646	1,646
CEIC-EA	---	864	864	---	1,520	1,520	---	1,646	1,646
ENERGIE, MINES ET RESSOURCES									
EMR	---	622	622	---	560	560	---	720	720
EMR-ENER	---	582	582	---	550	550	---	720	720
EMR-MIN	---	40	40	---	10	10	---	---	0
ENVIRONNEMENT									
ENV	77	130	207	141	369	510	147	373	520
ENV-SE	26	90	116	85	325	410	85	325	410
ENV-SGE	26	90	116	85	325	410	85	325	410
ENV-PC	51	40	91	56	44	100	62	48	110
AFFAIRES EXTERIEURES									
FINANCES									
PECHES ET OCEANS									
INDUSTRIE ET COMMERCE									
AINC	67	277	344	67	400	467	74	477	551
AINC-AII	67	117	184	67	117	184	74	122	196
AINC-AN	---	160	160	---	283	283	---	355	355
INDUSTRIE ET COMMERCE									
IC	156	209	365	156	341	497	156	372	528
IC-CI	---	209	209	---	341	341	---	372	372
IC-TOUR	156	---	156	156	---	156	156	---	156
JUSTICE									
CRD	---	245	245	---	312	312	---	524	524
TRAVAIL									
TRAV	18	30	48	30	10	40	45	75	120
DEFENSE NATIONALE									
DEFN	---	63	63	---	87	87	---	50	50
DEFN-SER	---	63	63	---	87	87	---	50	50
SANTE NATIONALE ET BIEN-ETRE SOCIAL									
SNBS	120	22	142	80	5	85	83	10	93
SNBS-SSSS	120	22	142	80	5	85	83	10	93
REVENU NATIONAL									
POSTES									
PO	82	---	82	14	---	14	535	---	535
CONSEIL PRIVE									
CEC	491	---	491	1,623	---	1,623	296	---	296
TRAVAUX PUBLICS									
CMHC	369	356	725	1,113	649	1,762	1,208	600	1,808
EXPANSION ECONOMIQUE REGIONALE									
EER	6	396	402	17	510	527	45	762	807
SCIENCES ET TECHNOLOGIE									
CSC	25	---	25	29	---	29	31	---	31
SECRETARIAT D'ETAT									
SECE	---	729	729	---	235	235	---	235	235
SECE-LO	---	154	154	---	95	95	---	95	95
SECE-AC	---	315	315	---	140	140	---	140	140
SECE-CIT	---	260	260	---	0	0	---	0	0
SRC	---	1,655	1,655	---	1,800	1,800	---	2,089	2,089
MUSH	---	810	810	---	750	750	---	770	770
SOLLICITEUR GENERAL									
SGEN	325	87	412	527	120	647	530	185	715
SGEN-ADM	325	87	412	527	120	647	530	185	715
APPROVISIONNEMENTS ET SERVICES									
AS	153	109	262	145	390	535	210	460	670
AS-APP	153	109	262	145	390	535	210	460	670
TRANSPORTS									
TPT	130	34	164	75	---	75	15	---	15
TPT-ADM	90	---	90	50	---	50	---	---	0
TPT-AER	---	---	0	25	---	25	15	---	15
TPT-SUR	40	34	74	---	---	0	---	---	0
CTC	323	177	500	199	118	317	199	118	317
CONSEIL DU TRESOR									
TOTAL	4,886	9,592	14,478	6,582	9,779	16,361	4,856	11,167	16,023

** DEPENSES INTRA-MUROS NE COMPRENNENT PAS LES COUTS AUTRES QUE LES PROGRAMMES

DEPENSES FEDERALES EN ACTIVITES SCIENTIFIQUES
UNIVERSITES, PAR MINISTERE OU ORGANISME
(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	R-D	ASC	TOTAL	R-D	ASC	TOTAL	R-D	ASC	TOTAL
AGRICULTURE									
AGR	7	---	7	32	---	32	60	---	60
AGR-ADM	7	---	7	32	---	32	60	---	60
OCF	14	---	14	20	---	20	20	---	20
COMMUNICATIONS									
COMM	---	44	44	---	32	32	---	33	33
CRTC	25	---	25	---	---	0	30	---	30
CONSOMMATION ET CORPORATIONS									
CC	386	67	453	307	52	359	255	64	319
CC-CON	306	---	306	236	---	236	215	---	215
CC-COR	80	---	80	71	---	71	40	---	40
CC-EC	---	67	67	---	52	52	---	64	64
EMPLOI ET IMMIGRATION									
CEIC	---	47	47	---	---	0	---	---	0
CEIC-EA	---	47	47	---	---	0	---	---	0
ENERGIE, MINES ET RESSOURCES									
EMR	109	---	109	337	---	337	337	---	337
EMR-EMER	---	---	0	170	---	170	---	---	170
EMR-MIN	109	---	109	167	---	167	167	---	167
ENVIRONNEMENT									
ENV	58	97	155	93	149	242	95	156	251
ENV-SE	33	43	76	65	90	155	65	90	155
ENV-SGE	33	43	76	65	90	155	65	90	155
ENV-PC	25	54	79	28	59	87	30	66	96
AFFAIRES EXTERIEURES									
AE	---	1,327	1,327	---	1,300	1,300	---	1,345	1,345
AE-ICE	---	1,327	1,327	---	1,300	1,300	---	1,345	1,345
ACDI	294	1,033	1,327	300	1,136	1,436	350	1,249	1,599
CRDI	32	---	32	29	---	29	130	---	130
FINANCES									
PECHES ET OCEANS									
P&O	---	100	100	---	100	100	---	100	100
P&O-GPR	---	100	100	---	100	100	---	100	100
AFFAIRES INDIENNES ET NORD CANADIEN									
AINC	227	10	237	228	10	238	228	20	248
AINC-AII	44	---	44	44	---	44	44	---	44
AINC-AN	183	10	193	184	10	194	184	20	204
INDUSTRIE ET COMMERCE									
IC	201	25	226	610	---	610	1,820	---	1,820
IC-CI	201	25	226	610	---	610	1,820	---	1,820
JUSTICE									
JUST	---	20	20	---	40	40	---	41	41
JUST-ADM	---	20	20	---	40	40	---	41	41
TRAVAIL									
TRAV	110	10	120	84	20	104	125	45	170
DEFENSE NATIONALE									
DEFN	---	182	182	---	77	77	---	100	100
DEFN-SER	---	182	182	---	77	77	---	100	100
SANTE NATIONALE ET BIEN-ETRE SOCIAL									
SNBS	5,008	1,463	6,471	4,339	719	5,058	4,793	748	5,541
SNBS-SSSS	5,008	1,463	6,471	4,339	719	5,058	4,793	748	5,541
REVENU NATIONAL									
POSTES									
CONSEIL PRIVE									
CEC	117	---	117	438	---	438	197	---	197
TRAVAUX PUBLICS									
CMHC	111	885	996	69	695	764	97	728	825
EXPANSION ECONOMIQUE REGIONALE									
SCIENCES ET TECHNOLOGIE									
CSC	32	---	32	85	---	85	89	---	89
SECRETARIAT D'ETAT									
SECE	718	81	799	476	67	543	476	87	563
SECE-LO	169	---	169	---	50	50	---	70	70
SECE-AC	---	22	22	---	17	17	---	17	17
SECE-TRA	460	---	460	476	---	476	476	---	476
SECE-CIT	89	59	148	---	---	0	---	---	0
MUSN	---	408	408	---	378	378	---	388	388
CRSHC	17,491	9,051	26,542	19,027	9,148	28,175	22,790	10,638	33,428
SOLLICITEUR GENERAL									
SGEN	725	---	725	811	---	811	820	---	820
SGEN-ADM	725	---	725	811	---	811	820	---	820
APPROVISIONNEMENTS ET SERVICES									
AS	---	8	8	40	40	80	60	10	70
AS-APP	---	8	8	40	40	80	60	10	70
TRANSPORTS									
TPT	72	4	76	---	---	0	---	---	0
TPT-SUR	72	4	76	---	---	0	---	---	0
CTC	221	---	221	142	---	142	142	---	142
CONSEIL DU TRESOR									
TOTAL	26,018	14,862	40,880	27,467	13,963	41,430	32,914	15,752	48,666

** DEPENSES INTRA-MUROS NE COMPRENNENT PAS LES COUTS AUTRES QUE LES PROGRAMMES

DEPENSES FEDERALES EN ACTIVITES SCIENTIFIQUES
INSTITUTIONS A BUT NON-LUC., PAR MINISTERE OU ORGANISME
(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	R-D	ASC	TOTAL	R-D	ASC	TOTAL	R-D	ASC	TOTAL
AGRICULTURE									
COMMUNICATIONS									
COMM	---	24	24	---	9	9	---	8	8
CRTC	2	---	2	37	---	37	25	---	25
CONSOMMATION ET CORPORATIONS									
CC	16	---	16	---	---	0	15	---	15
CC-CON	16	---	16	---	---	0	15	---	15
EMPLOI ET IMMIGRATION									
ENERGIE, MINES ET RESSOURCES									
EMR	16	---	16	---	---	0	---	---	0
EMR-MIN	16	---	16	---	---	0	---	---	0
ENVIRONNEMENT									
ENV	45	16	61	50	18	68	55	20	75
ENV-PC	45	16	61	50	18	68	55	20	75
AFFAIRES EXTERIEURES									
ACDI	---	331	331	---	364	364	---	401	401
CRDI	194	---	194	47	---	47	51	---	51
FINANCES									
PECHES ET OCEANS									
APPAIRES INDIENNES ET NORD CANADIEN									
AINC	94	1,030	1,124	93	1,030	1,123	243	1,030	1,273
AINC-AII	93	1,030	1,123	93	1,030	1,123	93	1,030	1,123
AINC-AN	1	---	1	---	---	0	150	---	150
INDUSTRIE ET COMMERCE									
IC	14	---	14	16	---	16	16	---	16
IC-CI	14	---	14	16	---	16	16	---	16
JUSTICE									
JUST	613	300	913	974	275	1,249	950	350	1,300
JUST-ADM	613	300	913	974	275	1,249	950	350	1,300
TRAVAIL									
TRAV	---	15	15	---	15	15	15	---	15
DEFENSE NATIONALE									
SANTE NATIONALE ET BIEN-ETRE SOCIAL									
SNBS	4,239	655	4,894	2,866	285	3,151	2,784	288	3,072
SNBS-SSSS	4,239	655	4,894	2,866	285	3,151	2,784	288	3,072
REVENU NATIONAL									
POSTES									
CONSEIL PRIVE									
CP	4,070	---	4,070	1,796	---	1,796	549	---	549
CEC	88	---	88	5	---	5	10	---	10
TRAVAUX PUBLICS									
CMHC	15	362	377	9	386	395	12	541	553
EXPANSION ECONOMIQUE REGIONALE									
SCIENCES ET TECHNOLOGIE									
CSC	52	---	52	42	---	42	44	---	44
SECRETARIAT D'ETAT									
SECE	1,691	---	1,691	3,244	176	3,420	944	176	1,120
SECE-LO	347	---	347	480	---	480	480	---	480
SECE-AC	---	---	0	---	36	36	---	36	36
SECE-CIT	1,344	---	1,344	2,764	140	2,904	464	140	604
MUSH	---	627	627	---	580	580	---	596	596
CRSHC	---	1,853	1,853	---	2,200	2,200	---	2,300	2,300
SOLLICITEUR GENERAL									
SGEN	60	---	60	67	---	67	75	---	75
SGEN-ADM	60	---	60	67	---	67	75	---	75
APPROVISIONNEMENTS ET SERVICES									
AS	8	---	8	28	---	28	40	---	40
AS-APP	8	---	8	28	---	28	40	---	40
TRANSPORTS									
TPT	5	33	38	---	---	0	---	---	0
TPT-SUR	5	33	38	---	---	0	---	---	0
CONSEIL DU TRESOR									
CT	106	---	106	110	---	110	113	---	113
CT-ADM	106	---	106	110	---	110	113	---	113
TOTAL	11,328	5,246	16,574	9,384	5,338	14,722	5,941	5,710	11,651

** DEPENSES INTRA-MUROS NE COMPRENNENT PAS LES COUTS AUTRES QUE LES PROGRAMMES

DEPENSES FEDERALES EN ACTIVITES SCIENTIFIQUES
ADMIN. PROV. & MUN., PAR MINISTERE OU ORGANISME
(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	R-D	ASC	TOTAL	R-D	ASC	TOTAL	R-D	ASC	TOTAL
AGRICULTURE									
COMMUNICATIONS									
CONSOMMATION ET CORPORATIONS									
EMPLOI ET IMMIGRATION									
ENERGIE, MINES ET RESSOURCES									
EMR	1,985	---	1,985	1,767	---	1,767	1,468	---	1,468
EMR-MIN	1,985	---	1,985	1,767	---	1,767	1,468	---	1,468
ENVIRONNEMENT									
ENV	26	2	28	28	2	30	31	2	33
ENV-PC	26	2	28	28	2	30	31	2	33
AFFAIRES EXTERIEURES									
FINANCES									
PECHES ET OCEANS									
AFFAIRES INDIENNES ET NORD CANADIEN									
INDUSTRIE ET COMMERCE									
JUSTICE									
JUST	231	---	231	200	---	200	418	---	418
JUST-ADM	231	---	231	200	---	200	418	---	418
TRAVAIL									
DEFENSE NATIONALE									
SANTE NATIONALE ET BIEN-ETRE SOCIAL									
SNBS	1,113	1,070	2,183	8	1,070	1,078	9	1,570	1,579
SNBS-ADM	1,088	1,070	2,158	---	1,070	1,070	---	1,570	1,570
SNBS-SSSS	25	---	25	8	---	8	9	---	9
REVENU NATIONAL									
POSTES									
CONSEIL PRIVE									
TRAVAUX PUBLICS									
CMHC	30	52	82	25	70	95	40	112	152
EXPANSION ECONOMIQUE REGIONALE									
EER	---	143	143	---	284	284	---	252	252
SCIENCES ET TECHNOLOGIE									
SECRETARIAT D'ETAT									
SECE	7	---	7	---	---	0	---	---	0
SECE-LO	7	---	7	---	---	0	---	---	0
MUSN	---	3,214	3,214	---	2,976	2,976	---	3,054	3,054
SOLLICITEUR GENERAL									
SGEN	46	---	46	71	---	71	85	10	95
SGEN-ADM	46	---	46	71	---	71	85	10	95
APPROVISIONNEMENTS ET SERVICES									
TRANSPORTS									
TPT	358	---	358	75	---	75	---	---	0
TPT-SUR	358	---	358	75	---	75	---	---	0
CONSEIL DU TRESOR									
TOTAL	3,796	4,481	8,277	2,174	4,402	6,576	2,051	5,000	7,051

** DEPENSES INTRA-MUROS NE COMPRENNENT PAS LES COUTS AUTRES QUE LES PROGRAMMES

DEPENSES FEDERALES EN ACTIVITES SCIENTIFIQUES
ETRANGERS, PAR MINISTERE OU ORGANISME
(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	R-D	ASC	TOTAL	R-D	ASC	TOTAL	R-D	ASC	TOTAL
AGRICULTURE									
AGR	44	---	44	58	---	58	---	---	0
AGR-ADM	44	---	44	58	---	58	---	---	0
COMMUNICATIONS									
CONSUMMATION ET CORPORATIONS									
CC	50	29	79	51	22	73	50	28	78
CC-CON	---	---	0	44	---	44	10	---	10
CC-COR	50	---	50	7	---	7	40	---	40
CC-EC	---	29	29	---	22	22	---	28	28
EMPLOI ET IMMIGRATION									
EI	4	---	4	3	---	3	3	---	3
EI-ADM	4	---	4	3	---	3	3	---	3
CEIC	---	129	129	---	---	0	---	---	0
CEIC-EA	---	129	129	---	---	0	---	---	0
ENERGIE, MINES ET RESSOURCES									
EMR	7	---	7	4	---	4	---	---	0
EMR-MIN	7	---	7	4	---	4	---	---	0
ENVIRONNEMENT									
ENV	---	12	12	---	13	13	---	14	14
ENV-PC	---	12	12	---	13	13	---	14	14
AFFAIRES EXTERIEURES									
AE	---	90	90	---	110	110	---	120	120
AE-ICE	---	90	90	---	110	110	---	120	120
ACDI	1,880	210	2,090	1,855	231	2,086	850	254	1,104
CRDI	7,978	756	8,734	7,676	876	8,552	8,861	951	9,812
FINANCES									
PECHES ET OCEANS									
AFFAIRES INDIENNES ET NORD CANADIEN									
INDUSTRIE ET COMMERCE									
JUSTICE									
TRAVAIL									
DEFENSE NATIONALE									
SANTE NATIONALE ET BIEN-ETRE SOCIAL									
SNBS	275	85	360	162	92	254	171	92	263
SNBS-SSSS	275	85	360	162	92	254	171	92	263
REVENU NATIONAL									
POSTES									
PO	28	---	28	---	---	0	---	---	0
CONSEIL PRIVE									
CEC	11	---	11	---	---	0	---	---	0
TRAVAUX PUBLICS									
CMHC	---	231	231	---	120	120	---	150	150
EXPANSION ECONOMIQUE REGIONALE									
SCIENCES ET TECHNOLOGIE									
ST	---	468	468	---	506	506	---	527	527
CSC	18	---	18	17	---	17	18	---	18
SECRETARIAT D'ETAT									
BIBN	---	24	24	---	23	23	---	23	23
MUSN	---	30	30	---	28	28	---	28	28
CRSHC	---	2,829	2,829	---	2,635	2,635	---	2,914	2,914
SOLLICITEUR GENERAL									
SGEN	14	---	14	20	---	20	10	---	10
SGEN-ADM	14	---	14	20	---	20	10	---	10
APPROVISIONNEMENTS ET SERVICES									
TRANSPORTS									
TPT	15	---	15	---	---	0	---	---	0
TPT-SUR	15	---	15	---	---	0	---	---	0
CTC	25	---	25	25	---	25	25	---	25
CONSEIL DU TRESOR									
STCAN	---	66	66	---	31	31	---	31	31
TOTAL	10,349	4,959	15,308	9,871	4,687	14,558	9,988	5,132	15,120

** DEPENSES INTRA-MUROS NE COMPRENNENT PAS LES COUTS AUTRES QUE LES PROGRAMMES

DEPENSES FEDERALES EN ACTIVITES SCIENTIFIQUES
AUTRES CANADIENS, PAR MINISTERE OU ORGANISME
(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	R-D	ASC	TOTAL	R-D	ASC	TOTAL	R-D	ASC	TOTAL
AGRICULTURE									
AGR	17	---	17	---	---	0	---	---	0
AGR-ADM	17	---	17	---	---	0	---	---	0
OCF	21	---	21	30	---	30	30	---	30
COMMUNICATIONS									
COMM	---	16	16	---	14	14	---	14	14
CRTC	48	---	48	20	---	20	20	---	20
CONSOMMATION ET CORPORATIONS									
CC	229	255	484	200	294	494	250	329	579
CC-ADM	---	7	7	---	105	105	---	92	92
CC-COM	102	---	102	200	---	200	250	---	250
CC-COR	127	---	127	---	---	0	---	---	0
CC-EC	---	248	248	---	189	189	---	237	237
EMPLOI ET IMMIGRATION									
CEIC	---	3	3	---	425	425	---	451	451
CEIC-EA	---	3	3	---	425	425	---	451	451
ENERGIE, MINES ET RESSOURCES									
EMR	---	18	18	---	---	0	---	---	0
EMR-MIN	---	18	18	---	---	0	---	---	0
ENVIRONNEMENT									
ENV	90	169	259	93	145	238	103	165	268
ENV-SE	5	43	48	---	---	0	---	---	0
ENV-SGE	5	43	48	---	---	0	---	---	0
ENV-PC	85	126	211	93	145	238	103	165	268
AFFAIRES EXTERIEURES									
CRDI	71	118	189	68	123	191	69	127	196
FINANCES									
PECHES ET OCEANS									
P&O	---	200	200	---	200	200	---	200	200
P&O-GPR	---	200	200	---	200	200	---	200	200
AFFAIRES INDIENNES ET NORD CANADIEN									
AINC	255	216	471	240	206	446	211	206	417
AINC-AII	31	206	237	31	206	237	31	206	237
AINC-AN	224	10	234	209	---	209	180	---	180
INDUSTRIE ET COMMERCE									
IC	15	425	440	---	195	195	---	---	0
IC-CI	15	425	440	---	195	195	---	---	0
JUSTICE									
JUST	243	127	370	647	98	745	647	150	797
JUST-ADM	243	127	370	647	98	745	647	150	797
CRD	210	43	253	209	55	264	209	93	302
TRAVAIL									
TRAV	31	89	120	---	51	51	7	55	62
DEFENSE NATIONALE									
DEFN	---	---	0	---	---	0	---	12	12
DEFN-SER	---	---	0	---	---	0	---	12	12
SANTE NATIONALE ET BIEN-ETRE SOCIAL									
SNBS	20	174	194	---	80	80	---	90	90
SNBS-SSSS	20	174	194	---	80	80	---	90	90
REVENU NATIONAL									
POSTES									
CONSEIL PRIVE									
CP	37	---	37	---	---	0	---	---	0
TRAVAUX PUBLICS									
CMHC	41	80	121	333	165	498	133	177	310
EXPANSION ECONOMIQUE REGIONALE									
SCIENCES ET TECHNOLOGIE									
CSC	142	---	142	200	---	200	210	---	210
SECRETARIAT D'ETAT									
SECE	---	247	247	---	382	382	---	540	540
SECE-TRA	---	247	247	---	290	290	---	290	290
SECE-CIT	---	---	0	---	92	92	---	250	250
MUSN	177	2,608	2,785	161	2,418	2,579	169	2,397	2,566
SOLLICITEUR GENERAL									
SGEN	23	365	388	---	234	234	---	249	249
SGEN-ADM	23	365	388	---	234	234	---	249	249
APPROVISIONNEMENTS ET SERVICES									
AS	---	62	62	---	107	107	---	120	120
AS-APP	---	62	62	---	107	107	---	120	120
TRANSPORTS									
TPT	---	3	3	---	---	0	---	---	0
TPT-SUR	---	3	3	---	---	0	---	---	0
CTC	10	---	10	---	---	0	---	---	0
CONSEIL DU TRESOR									
TOTAL	1,680	5,218	6,898	2,201	5,192	7,393	2,050	5,375	7,433

** DEPENSES INTRA-MUROS NE COMPRENNENT PAS LES COUTS AUTRES QUE LES PROGRAMMES

** DEPENSES INTRA-MUROS NE COMPRENNENT PAS LES COUTS AUTRES QUE LES PROGRAMMES

TABLEAU 51

SCIENCES HUMAINES

DEPENSES FEDERALES EN RECHERCHE-DEVELOPPEMENT
PAR EXECUTANT, EN 1978-1981

(\$ MILLIERS)

EXECUTANT	1978-79		1979-80		1980-81	
	\$	%	\$	%	\$	%
INTRA-MUROS	42,209	(42.1)	42,406	(42.4)	45,268	(43.9)
INDUSTRIE	4,886	(4.9)	6,582	(6.6)	4,856	(4.7)
UNIVERSITES	26,018	(25.9)	27,467	(27.4)	32,914	(31.9)
INSTITUTIONS A BUT NON-LUC.	11,328	(11.3)	9,384	(9.4)	5,941	(5.8)
ADMIN. PROV. & MUN.	3,796	(3.8)	2,174	(2.2)	2,051	(2.0)
ETRANGERS	10,349	(10.3)	9,871	(9.9)	9,988	(9.7)
AUTRES CANADIENS	1,680	(1.7)	2,201	(2.2)	2,058	(2.0)
TOTAL	100,266	(100.0)	100,085	(100.0)	103,076	(100.0)

** DEPENSES INTRA-MUROS NE COMPRENNENT PAS LES COUTS AUTRES QUE LES PROGRAMMES

TABLEAU 52

SCIENCES HUMAINES

DEPENSES FEDERALES EN ACTIVITES SCIENTIFIQUES CONNEXES
PAR EXECUTANT, EN 1978-1981

(\$ MILLIERS)

EXECUTANT	1978-79		1979-80		1980-81	
	\$	%	\$	%	\$	%
INTRA-MUROS	266,646	(85.7)	271,845	(86.2)	295,929	(86.0)
INDUSTRIE	9,592	(3.1)	9,779	(3.1)	11,167	(3.2)
UNIVERSITES	14,862	(4.8)	13,963	(4.4)	15,752	(4.6)
INSTITUTIONS A BUT NON-LUC.	5,246	(1.7)	5,338	(1.7)	5,710	(1.7)
ADMIN. PROV. & MUN.	4,481	(1.4)	4,402	(1.4)	5,000	(1.5)
ETRANGERS	4,959	(1.6)	4,687	(1.5)	5,132	(1.5)
AUTRES CANADIENS	5,218	(1.7)	5,192	(1.6)	5,375	(1.6)
TOTAL	311,004	(100.0)	315,206	(100.0)	344,065	(100.0)

** DEPENSES INTRA-MUROS NE COMPRENNENT PAS LES COUTS AUTRES QUE LES PROGRAMMES

DEPENSES FEDERALES INTRA-MUROS ET EXTRA-MUROS EN RECHERCHE-DEVELOPPEMENT

PAR MINISTERE OU ORGANISME

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	INTRA- MUROS	EXTRA- MUROS	TOTAL	INTRA- MUROS	EXTRA- MUROS	TOTAL	INTRA- MUROS	EXTRA- MUROS	TOTAL
AGRICULTURE									
AGR	3,044	89	3,133	3,194	142	3,336	3,595	231	3,826
AGR-ADM	3,044	89	3,133	3,194	142	3,336	3,595	231	3,826
AGR-RES	---	---	---	---	---	---	---	---	---
AGR-PCA	---	---	---	---	---	---	---	---	---
AGR-PIA	---	---	---	---	---	---	---	---	---
AGR-CCG	---	---	---	---	---	---	---	---	---
OCP	74	35	109	78	55	133	83	55	138
COMMUNICATIONS									
COMM	---	2,254	2,254	---	1,921	1,921	---	730	730
CRTC	435	105	540	586	71	657	666	110	776
CONSUMMATION ET CORPORATIONS									
CC	1,207	839	2,046	1,058	874	1,932	1,216	850	2,066
CC-ADM	---	---	---	---	---	---	---	---	---
CC-CON	663	539	1,202	556	663	1,219	749	690	1,439
CC-COR	142	300	442	121	211	332	112	160	272
CC-EC	402	---	402	381	---	381	355	---	355
CC-PI	---	---	---	---	---	---	---	---	---
EMPLOI ET IMMIGRATION									
EI	1,099	85	1,184	1,475	61	1,536	1,384	64	1,448
EI-ADM	1,099	85	1,184	1,475	61	1,536	1,384	64	1,448
CEIC	---	---	---	---	---	---	---	---	---
CEIC-EA	---	---	---	---	---	---	---	---	---
ENERGIE, MINES ET RESSOURCES									
EMR	140	2,117	2,257	152	2,108	2,260	160	1,805	1,965
EMR-ENER	20	---	20	28	170	198	33	170	203
EMR-MIN	120	2,117	2,237	124	1,938	2,062	127	1,635	1,762
EMR-SG	---	---	---	---	---	---	---	---	---
CCEA	---	---	---	---	---	---	---	---	---
EACL	---	---	---	---	---	---	---	---	---
NEB	---	---	---	---	---	---	---	---	---
ENVIRONNEMENT									
ENV	651	296	947	657	405	1,062	657	431	1,088
ENV-ADM	---	---	---	---	---	---	---	---	---
ENV-SE	651	64	715	657	150	807	657	150	807
ENV-SPE	---	---	---	---	---	---	---	---	---
ENV-SEA	---	---	---	---	---	---	---	---	---
ENV-SGE	651	64	715	657	150	807	657	150	807
ENV-FOR	---	---	---	---	---	---	---	---	---
ENV-PC	---	232	232	---	255	255	---	281	281
AFFAIRES EXTERIEURES									
AE	---	---	---	---	---	---	---	---	---
AE-ICE	---	---	---	---	---	---	---	---	---
ACDI	329	2,174	2,503	336	2,155	2,491	256	1,200	1,456
CRDI	4,376	8,275	12,651	4,483	7,820	12,303	4,517	9,111	13,628
FINANCES									
FIN	---	---	---	---	---	---	---	---	---
FIN-PFE	---	---	---	---	---	---	---	---	---
PECHES ET OCEANS									
P&O	406	---	406	790	---	790	825	---	825
P&O-GPR	406	---	406	790	---	790	825	---	825
AFFAIRES INDIENNES ET NORD CANADIEN									
AINC	603	643	1,246	531	628	1,159	580	756	1,336
AINC-AII	25	235	260	25	235	260	25	242	267
AINC-AN	578	408	986	506	393	899	555	514	1,069
INDUSTRIE ET COMMERCE									
IC	171	386	557	213	782	995	225	1,992	2,217
IC-CI	80	230	310	122	626	748	134	1,836	1,970
IC-TOUR	91	156	247	91	156	247	91	156	247
IC-CGO	---	---	---	---	---	---	---	---	---
JUSTICE									
JUST	727	1,087	1,814	838	1,821	2,659	942	2,015	2,957
JUST-ADM	727	1,087	1,814	838	1,821	2,659	942	2,015	2,957
JUST-CIUC	---	---	---	---	---	---	---	---	---
CRD	1,409	210	1,619	1,454	209	1,663	1,547	209	1,756
TRAVAIL									
TRAV	371	159	530	354	114	468	411	192	603
DEFENSE NATIONALE									
DEFN	728	---	728	747	---	747	808	---	808
DEFN-SER	728	---	728	747	---	747	808	---	808

DEPENSES FEDERALES INTRA-MUROS ET EXTRA-MUROS EN RECHERCHE-DEVELOPPEMENT

PAR MINISTERE OU ORGANISME

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	INTRA- MUROS	EXTRA- MUROS	TOTAL	INTRA- MUROS	EXTRA- MUROS	TOTAL	INTRA- MUROS	EXTRA- MUROS	TOTAL
SANTÉ NATIONALE ET BIEN-ÊTRE SOCIAL									
SNBS	2,435	10,775	13,210	1,850	7,455	9,305	2,194	7,840	10,034
SNBS-ADM	1,535	1,088	2,623	1,410	---	1,410	1,635	---	1,635
SNBS-SSSS	900	9,687	10,587	440	7,455	7,895	559	7,840	8,399
SNBS-SM	---	---	---	---	---	---	---	---	---
SNBS-PS	---	---	---	---	---	---	---	---	---
SNBS-SAA	---	---	---	---	---	---	---	---	---
CRM	---	---	---	---	---	---	---	---	---
REVENU NATIONAL									
REVN	1,726	---	1,726	1,394	---	1,394	1,457	---	1,457
REVN-IMP	1,726	---	1,726	1,394	---	1,394	1,457	---	1,457
POSTES									
PO	124	110	234	187	14	201	225	535	760
CONSEIL PRIVÉ									
CP	---	4,107	4,107	---	1,796	1,796	---	549	549
CLO	---	---	---	---	---	---	---	---	---
CEC	6,817	707	7,524	6,510	2,066	8,576	6,735	503	7,238
TRAVAUX PUBLICS									
TP	---	---	---	---	---	---	---	---	---
TP-SPT	---	---	---	---	---	---	---	---	---
CMHC	805	566	1,371	991	1,549	2,540	1,493	1,490	2,983
CCN	574	---	574	638	---	638	661	---	661
EXPANSION ÉCONOMIQUE RÉGIONALE									
EER	770	6	776	923	17	940	1,025	45	1,070
SCIENCES ET TECHNOLOGIE									
ST	---	---	---	---	---	---	---	---	---
CNRC	---	---	---	---	---	---	---	---	---
CNRC-RSI	---	---	---	---	---	---	---	---	---
CNRC-IST	---	---	---	---	---	---	---	---	---
CRSNG	---	---	---	---	---	---	---	---	---
CSC	812	329	1,141	890	373	1,263	947	392	1,339
SECRETARIAT D'ÉTAT									
SECE	2,153	2,416	4,569	2,184	3,720	5,904	2,378	1,420	3,798
SECE-IO	---	523	523	---	480	480	---	480	480
SECE-AC	---	---	---	---	---	---	---	---	---
SECE-AE	---	---	---	---	---	---	---	---	---
SECE-TRA	2,094	460	2,554	2,184	476	2,660	2,378	476	2,854
SECE-CIT	59	1,433	1,492	---	2,764	2,764	---	464	464
SECE-FAS	---	---	---	---	---	---	---	---	---
SRC	---	---	---	---	---	---	---	---	---
ONF	---	---	---	---	---	---	---	---	---
BIBN	---	---	---	---	---	---	---	---	---
MUSN	2,457	177	2,634	2,271	161	2,432	2,404	169	2,573
AP	---	---	---	---	---	---	---	---	---
CFP	104	---	104	212	---	212	---	---	---
CRSHC	1,774	17,491	19,265	1,888	19,027	20,915	2,066	22,790	24,856
SOLLICITEUR GÉNÉRAL									
SGEN	243	1,193	1,436	303	1,496	1,799	232	1,520	1,752
SGEN-ADM	243	1,193	1,436	303	1,496	1,799	232	1,520	1,752
GRC	---	---	---	---	---	---	---	---	---
APPROVISIONNEMENTS ET SERVICES									
AS	6	161	167	8	213	221	25	310	335
AS-APP	6	161	167	8	213	221	25	310	335
ACL	---	---	---	---	---	---	---	---	---
TRANSPORTS									
TPT	65	580	645	102	150	252	70	15	85
TPT-ADM	---	90	90	---	50	50	---	---	---
TPT-EAU	---	---	---	---	---	---	---	---	---
TPT-AER	---	---	---	---	25	25	---	15	15
TPT-SUR	65	490	555	102	75	177	70	---	70
CTC	939	579	1,518	729	366	1,095	729	366	1,095
CPN	---	---	---	---	---	---	---	---	---
CONSEIL DU TRÉSOR									
CT	---	106	106	---	110	110	---	113	113
CT-ADM	---	106	106	---	110	110	---	113	113
STCAN	4,635	---	4,635	4,380	---	4,380	4,755	---	4,755
TOTAL	42,209	58,057	100,266	42,406	57,679	100,085	45,268	57,808	103,076

** DEPENSES INTRA-MUROS NE COMPRENNENT PAS LES COÛTS AUTRES QUE LES PROGRAMMES

AIDE FEDERALE A LA RECHERCHE-DEVELOPPEMENT
DANS L'INDUSTRIE
PAR MINISTERE OU ORGANISME, EN 1978-1981

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79		1979-80		1980-81	
	SUBVENT.	CONTRATS	SUBVENT.	CONTRATS	SUBVENT.	CONTRATS
AGRICULTURE						
AGR	---	21	---	52	---	171
AGR-ADM	---	21	---	52	---	171
AGR-RES	---	---	---	---	---	---
AGR-PCA	---	---	---	---	---	---
AGR-PIA	---	---	---	---	---	---
AGR-CCG	---	---	---	---	---	---
OCP	---	---	---	5	---	5
COMMUNICATIONS						
COMM	2,254	---	1,921	---	730	---
CRTC	15	15	4	10	20	15
CONSOMMATION ET CORPORATIONS						
CC	---	158	---	316	---	280
CC-ADM	---	---	---	---	---	---
CC-CON	---	115	---	183	---	200
CC-COR	---	43	---	133	---	80
CC-EC	---	---	---	---	---	---
CC-PI	---	---	---	---	---	---
EMPLOI ET IMMIGRATION						
EI	---	81	---	58	---	61
EI-ADM	---	81	---	58	---	61
CEIC	---	---	---	---	---	---
CEIC-EA	---	---	---	---	---	---
ENERGIE, MINES ET RESSOURCES						
EMR	---	---	---	---	---	---
EMR-ENER	---	---	---	---	---	---
EMR-MIN	---	---	---	---	---	---
EMR-SG	---	---	---	---	---	---
CCEA	---	---	---	---	---	---
EACL	---	---	---	---	---	---
NEB	---	---	---	---	---	---
ENVIRONNEMENT						
ENV	---	77	---	141	---	147
ENV-ADM	---	---	---	---	---	---
ENV-SE	---	26	---	85	---	85
ENV-SPE	---	---	---	---	---	---
ENV-SEA	---	---	---	---	---	---
ENV-SGE	---	26	---	85	---	85
ENV-FOR	---	---	---	---	---	---
ENV-PC	---	51	---	56	---	62
AFFAIRES EXTERIEURES						
AE	---	---	---	---	---	---
AE-ICE	---	---	---	---	---	---
ACDI	---	---	---	---	---	---
CRDI	---	---	---	---	---	---
FINANCES						
FIN	---	---	---	---	---	---
FIN-PFE	---	---	---	---	---	---
PECHE ET OCEANS						
P&O	---	---	---	---	---	---
P&O-GPR	---	---	---	---	---	---
AFFAIRES INDIENNES ET NORD CANADIEN						
AINC	---	67	---	67	---	74
AINC-AII	---	67	---	67	---	74
AINC-AN	---	---	---	---	---	---
INDUSTRIE ET COMMERCE						
IC	---	156	---	156	---	156
IC-CI	---	---	---	---	---	---
IC-TOUR	---	156	---	156	---	156
IC-CGO	---	---	---	---	---	---
JUSTICE						
JUST	---	---	---	---	---	---
JUST-ADM	---	---	---	---	---	---
JUST-CIUC	---	---	---	---	---	---
CRD	---	---	---	---	---	---
TRAVAIL						
TRAV	---	18	---	30	35	10
DEFENSE NATIONALE						
DEFN	---	---	---	---	---	---
DEFN-SER	---	---	---	---	---	---

AIDE FEDERALE A LA RECHERCHE-DEVELOPPEMENT
DANS L'INDUSTRIE
PAR MINISTERE OU ORGANISME, EN 1978-1981

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79		1979-80		1980-81	
	SUBVENT.	CONTRATS	SUBVENT.	CONTRATS	SUBVENT.	CONTRATS
SANTÉ NATIONALE ET BIEN-ÊTRE SOCIAL						
SNBS	70	50	75	5	75	8
SNBS-ADM	---	---	---	---	---	---
SNBS-SSSS	70	50	75	5	75	8
SNBS-SM	---	---	---	---	---	---
SNBS-PS	---	---	---	---	---	---
SNBS-SAA	---	---	---	---	---	---
CRM	---	---	---	---	---	---
REVENU NATIONAL						
RE/N	---	---	---	---	---	---
RE/N-IMP	---	---	---	---	---	---
POSTES						
PO	---	82	---	14	---	535
CONSEIL PRIVÉ						
CP	---	---	---	---	---	---
CLO	---	---	---	---	---	---
CEC	---	491	---	1,623	---	296
TRAVAUX PUBLICS						
TP	---	---	---	---	---	---
TP-SPT	---	---	---	---	---	---
CMHC	---	369	44	1,069	70	1,138
CCN	---	---	---	---	---	---
EXPANSION ÉCONOMIQUE RÉGIONALE						
EER	---	6	---	17	---	45
SCIENCES ET TECHNOLOGIE						
ST	---	---	---	---	---	---
CNRC	---	---	---	---	---	---
CNRC-RSI	---	---	---	---	---	---
CNRC-IST	---	---	---	---	---	---
CRSNG	---	---	---	---	---	---
CSC	---	25	---	29	---	31
SECRETARIAT D'ÉTAT						
SECE	---	---	---	---	---	---
SECE-LO	---	---	---	---	---	---
SECE-AC	---	---	---	---	---	---
SECE-AE	---	---	---	---	---	---
SECE-TRA	---	---	---	---	---	---
SECE-CIT	---	---	---	---	---	---
SECE-FAS	---	---	---	---	---	---
SRC	---	---	---	---	---	---
ONF	---	---	---	---	---	---
BIBN	---	---	---	---	---	---
MUSN	---	---	---	---	---	---
AP	---	---	---	---	---	---
CFP	---	---	---	---	---	---
CRSHC	---	---	---	---	---	---
SOLLICITEUR GÉNÉRAL						
SGEN	---	325	---	527	---	530
SGEN-ADM	---	325	---	527	---	530
GRC	---	---	---	---	---	---
APPROVISIONNEMENTS ET SERVICES						
AS	---	153	---	145	---	210
AS-APP	---	153	---	145	---	210
ACL	---	---	---	---	---	---
TRANSPORTS						
TPT	---	130	---	75	---	15
TPT-ADM	---	90	---	50	---	---
TPT-EAU	---	---	---	---	---	---
TPT-AER	---	---	---	25	---	15
TPT-SUR	---	40	---	---	---	---
CTC	---	323	---	199	---	199
CPN	---	---	---	---	---	---
CONSEIL DU TRÉSOR						
CT	---	---	---	---	---	---
CT-ADM	---	---	---	---	---	---
STCAN	---	---	---	---	---	---
TOTAL	2,339	2,547	2,044	4,538	930	3,926

AIDE FEDERALE A LA RECHERCHE-DEVELOPPEMENT
DANS LES UNIVERSITES ET LES INSTITUTIONS A BUT NON-LUCRATIF
PAR MINISTERE OU ORGANISME, EN 1978-1981

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79		1979-80		1980-81	
	SUBVENT.	CONTRATS	SUBVENT.	CONTRATS	SUBVENT.	CONTRATS
AGRICULTURE						
AGR	---	7	---	32	---	60
AGR-ADM	---	7	---	32	---	60
AGR-RES	---	---	---	---	---	---
AGR-PCA	---	---	---	---	---	---
AGR-PIA	---	---	---	---	---	---
AGR-CCG	---	---	---	---	---	---
OCP	---	14	---	20	---	20
COMMUNICATIONS						
COMM	---	---	---	---	---	---
CRTC	25	2	37	---	55	---
CONSOMMATION ET CORPORATIONS						
CC	---	402	---	307	---	270
CC-ADM	---	---	---	---	---	---
CC-CON	---	322	---	236	---	230
CC-COR	---	80	---	71	---	40
CC-EC	---	---	---	---	---	---
CC-PI	---	---	---	---	---	---
EMPLOI ET IMMIGRATION						
EI	---	---	---	---	---	---
EI-ADM	---	---	---	---	---	---
CEIC	---	---	---	---	---	---
CEIC-EA	---	---	---	---	---	---
ENERGIE, MINES ET RESSOURCES						
EMR	125	---	337	---	337	---
EMR-ENER	---	---	170	---	170	---
EMR-MIN	125	---	167	---	167	---
EMR-SG	---	---	---	---	---	---
CCEA	---	---	---	---	---	---
EACL	---	---	---	---	---	---
NEB	---	---	---	---	---	---
ENVIRONNEMENT						
ENV	14	89	15	128	15	135
ENV-ADM	---	---	---	---	---	---
ENV-SE	14	19	15	50	15	50
ENV-SPE	---	---	---	---	---	---
ENV-SEA	---	---	---	---	---	---
ENV-SGE	14	19	15	50	15	50
ENV-FOR	---	---	---	---	---	---
ENV-PC	---	70	---	78	---	85
AFFAIRES EXTERIEURES						
AE	---	---	---	---	---	---
AE-ICE	---	---	---	---	---	---
ACDI	---	---	---	---	---	---
CRDI	226	---	76	---	181	---
FINANCES						
FIN	---	---	---	---	---	---
FIN-PFE	---	---	---	---	---	---
PECHES ET OCEANS						
P&O	---	---	---	---	---	---
P&O-GPR	---	---	---	---	---	---
AFFAIRES INDIENNES ET NORD CANADIEN						
AINC	184	137	184	137	334	137
AINC-AII	---	137	---	137	---	137
AINC-AN	184	---	184	---	334	---
INDUSTRIE ET COMMERCE						
IC	215	---	226	---	236	---
IC-CI	215	---	226	---	236	---
IC-TOUR	---	---	---	---	---	---
IC-CGO	---	---	---	---	---	---
JUSTICE						
JUST	613	---	974	---	950	---
JUST-ADM	613	---	974	---	950	---
JUST-CIUC	---	---	---	---	---	---
CRD	---	---	---	---	---	---
TRAVAIL						
TRAV	110	---	74	10	75	65
DEFENSE NATIONALE						
DEFN	---	---	---	---	---	---
DEFN-SER	---	---	---	---	---	---

AIDE FEDERALE A LA RECHERCHE-DEVELOPPEMENT
DANS LES UNIVERSITES ET LES INSTITUTIONS A BUT NON-LUCRATIF
PAR MINISTERE OU ORGANISME, EN 1978-1981

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79		1979-80		1980-81	
	SUBVENT.	CONTRATS	SUBVENT.	CONTRATS	SUBVENT.	CONTRATS
SANTE NATIONALE ET BIEN-ETRE SOCIAL						
SNBS	7,967	601	6,607	83	6,924	108
SNBS-ADM	---	---	---	---	---	---
SNBS-SSSS	7,967	601	6,607	83	6,924	108
SNBS-SM	---	---	---	---	---	---
SNBS-PS	---	---	---	---	---	---
SNBS-SAA	---	---	---	---	---	---
CRM	---	---	---	---	---	---
REVENU NATIONAL						
REVN	---	---	---	---	---	---
REVN-IMP	---	---	---	---	---	---
POSTES						
PO	---	---	---	---	---	---
CONSEIL PRIVE						
CP	3,477	593	1,522	274	549	---
CLO	---	---	---	---	---	---
CEC	---	205	---	443	---	207
TRAVAUX PUBLICS						
TP	---	---	---	---	---	---
TP-SPT	---	---	---	---	---	---
CMHC	3	123	---	78	---	109
CCN	---	---	---	---	---	---
EXPANSION ECONOMIQUE REGIONALE						
EER	---	---	---	---	---	---
SCIENCES ET TECHNOLOGIE						
ST	---	---	---	---	---	---
CNRC	---	---	---	---	---	---
CNRC-RSI	---	---	---	---	---	---
CNRC-IST	---	---	---	---	---	---
CRSNG	---	---	---	---	---	---
CSC	---	144	---	127	---	133
SECRETARIAT D'ETAT						
SECE	1,949	460	3,244	476	944	476
SECE-LO	516	---	480	---	480	---
SECE-AC	---	---	---	---	---	---
SECE-AE	---	---	---	---	---	---
SECE-TRA	---	460	---	476	---	476
SECE-CIT	1,433	---	2,764	---	464	---
SECE-FAS	---	---	---	---	---	---
SRC	---	---	---	---	---	---
ONF	---	---	---	---	---	---
BIBN	---	---	---	---	---	---
MUSN	---	---	---	---	---	---
AP	---	---	---	---	---	---
CFP	---	---	---	---	---	---
CRSHC	13,696	---	14,600	---	17,310	---
SOLLICITEUR GENERAL						
SGEN	320	465	306	572	310	585
SGEN-ADM	320	465	306	572	310	585
GRC	---	---	---	---	---	---
APPROVISIONNEMENTS ET SERVICES						
AS	---	8	---	68	---	100
AS-APP	---	8	---	68	---	100
ACL	---	---	---	---	---	---
TRANSPORTS						
TPT	5	72	---	---	---	---
TPT-ADM	---	---	---	---	---	---
TPT-EAU	---	---	---	---	---	---
TPT-AER	---	---	---	---	---	---
TPT-SUR	5	72	---	---	---	---
CTC	---	221	---	142	---	142
CPN	---	---	---	---	---	---
CONSEIL DU TRESOR						
CT	106	---	110	---	113	---
CT-ADM	106	---	110	---	113	---
STCAN	---	---	---	---	---	---
TOTAL	29,035	3,543	28,312	2,897	28,333	2,547

DEPENSES FEDERALES INTRA-MUROS ET EXTRA-MUROS EN ACTIVITES SCIENTIFIQUES CONNEXES

PAR MINISTERE OU ORGANISME

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	INTRA- MUROS	EXTRA- MUROS	TOTAL	INTRA- MUROS	EXTRA- MUROS	TOTAL	INTRA- MUROS	EXTRA- MUROS	TOTAL
AGRICULTURE									
AGR	---	---	---	---	---	---	---	---	---
AGR-ADM	---	---	---	---	---	---	---	---	---
AGR-RES	---	---	---	---	---	---	---	---	---
AGR-PCA	---	---	---	---	---	---	---	---	---
AGR-PIA	---	---	---	---	---	---	---	---	---
AGR-CCG	---	---	---	---	---	---	---	---	---
OCP	12	5	17	12	5	17	12	5	17
COMMUNICATIONS									
COMM	3,101	665	3,766	3,502	838	4,340	3,890	859	4,749
CRTC	---	---	---	---	---	---	---	---	---
CONSOMMATION ET CORPORATIONS									
CC	346	409	755	638	413	1,051	487	476	963
CC-ADM	327	7	334	620	105	725	469	92	561
CC-CON	1	---	1	---	---	---	---	---	---
CC-COR	---	---	---	---	---	---	---	---	---
CC-EC	18	402	420	18	308	326	18	384	402
CC-PI	---	---	---	---	---	---	---	---	---
EMPLOI ET IMMIGRATION									
EI	6,686	2,133	8,819	7,884	770	8,654	7,474	837	8,311
EI-ADM	6,686	2,133	8,819	7,884	770	8,654	7,474	837	8,311
CEIC	2,822	1,043	3,865	3,855	1,945	5,800	4,087	2,097	6,184
CEIC-EA	2,822	1,043	3,865	3,855	1,945	5,800	4,087	2,097	6,184
ENERGIE, MINES ET RESSOURCES									
EMR	5,575	640	6,215	7,280	560	7,840	8,341	720	9,061
EMR-ENER	1,142	582	1,724	2,529	550	3,079	3,451	720	4,171
EMR-MIN	4,433	58	4,491	4,751	10	4,761	4,890	---	4,890
EMR-SG	---	---	---	---	---	---	---	---	---
CCEA	---	---	---	---	---	---	---	---	---
EACL	---	---	---	---	---	---	---	---	---
NEB	405	---	405	449	---	449	529	---	529
ENVIRONNEMENT									
ENV	11,125	426	11,551	11,903	696	12,599	12,831	730	13,561
ENV-ADM	228	---	228	192	---	192	261	---	261
ENV-SE	3,090	176	3,266	3,123	415	3,538	3,123	415	3,538
ENV-SPE	---	---	---	---	---	---	---	---	---
ENV-SEA	---	---	---	---	---	---	---	---	---
ENV-SGE	3,090	176	3,266	3,123	415	3,538	3,123	415	3,538
ENV-FOR	---	---	---	---	---	---	---	---	---
ENV-PC	7,807	250	8,057	8,588	281	8,869	9,447	315	9,762
AFFAIRES EXTERIEURES									
AE	3,404	1,417	4,821	3,810	1,410	5,220	3,806	1,465	5,271
AE-ICE	3,404	1,417	4,821	3,810	1,410	5,220	3,806	1,465	5,271
ACDI	1,060	1,574	2,634	1,064	1,731	2,795	1,296	1,904	3,200
CRDI	3,828	874	4,702	3,866	999	4,865	5,099	1,078	6,177
FINANCES									
FIN	7,528	---	7,528	8,493	---	8,493	9,087	---	9,087
FIN-PFE	7,528	---	7,528	8,493	---	8,493	9,087	---	9,087
PECHES ET OCEANS									
P&O	2,440	300	2,740	2,260	300	2,560	2,375	300	2,675
P&O-GPR	2,440	300	2,740	2,260	300	2,560	2,375	300	2,675
AFFAIRES INDIENNES ET NORD CANADIEN									
AINC	1,012	1,533	2,545	1,104	1,646	2,750	1,279	1,733	3,012
AINC-AII	75	1,353	1,428	75	1,353	1,428	80	1,358	1,438
AINC-AN	937	180	1,117	1,029	293	1,322	1,199	375	1,574
INDUSTRIE ET COMMERCE									
IC	362	659	1,021	423	536	959	448	372	820
IC-CI	300	659	959	325	536	861	350	372	722
IC-TOUR	62	---	62	98	---	98	98	---	98
IC-CGO	---	---	---	---	---	---	---	---	---
JUSTICE									
JUST	313	447	760	1,680	413	2,093	1,462	541	2,003
JUST-ADM	313	447	760	351	413	764	362	541	903
JUST-CIUC	---	---	---	1,329	---	1,329	1,100	---	1,100
CRD	438	288	726	339	367	706	384	617	1,001
TRAVAIL									
TRAV	2,656	144	2,800	2,661	96	2,757	3,035	175	3,210
DEFENSE NATIONALE									
DEFN	733	245	978	782	164	946	878	162	1,040
DEFN-SER	733	245	978	782	164	946	878	162	1,040

DEPENSES FEDERALES INTRA-MUROS ET EXTRA-MUROS EN ACTIVITES SCIENTIFIQUES CONNEXES

PAR MINISTERE OU ORGANISME

(\$ MILLIERS)

MINISTERE OU ORGANISME	1978-79			1979-80			1980-81		
	INTRA- MUROS	EXTRA- MUROS	TOTAL	INTRA- MUROS	EXTRA- MUROS	TOTAL	INTRA- MUROS	EXTRA- MUROS	TOTAL
SANTÉ NATIONALE ET BIEN-ÊTRE SOCIAL									
SNBS	4,655	3,469	8,124	4,419	2,251	6,670	5,229	2,798	8,027
SNBS-ADM	3,022	1,070	4,092	2,807	1,070	3,877	3,235	1,570	4,805
SNBS-SSSS	737	2,399	3,136	699	1,181	1,880	979	1,228	2,207
SNBS-SM	---	---	---	---	---	---	---	---	---
SNBS-PS	368	---	368	426	---	426	484	---	484
SNBS-SAA	528	---	528	487	---	487	531	---	531
CRM	---	---	---	---	---	---	---	---	---
REVENU NATIONAL									
REVN	2,536	---	2,536	2,915	---	2,915	3,406	---	3,406
REVN-IMP	2,536	---	2,536	2,915	---	2,915	3,406	---	3,406
POSTES									
PO	399	---	399	319	---	319	220	---	220
CONSEIL PRIVÉ									
CP	243	---	243	6	---	6	---	---	---
CLO	590	---	590	875	---	875	975	---	975
CEC	672	---	672	987	---	987	960	---	960
TRAVAUX PUBLICS									
TP	---	---	---	---	---	---	---	---	---
TP-SPT	---	---	---	---	---	---	---	---	---
CMHC	3,005	1,966	4,971	3,352	2,025	5,437	4,334	2,308	6,642
CCN	381	---	381	495	---	495	430	---	430
EXPANSION ECONOMIQUE REGIONALE									
EER	2	539	541	3	794	797	3	1,014	1,017
SCIENCES ET TECHNOLOGIE									
ST	5,307	468	5,775	5,609	506	6,115	6,511	527	7,038
CNRC	---	---	---	---	---	---	---	---	---
CNRC-RSI	---	---	---	---	---	---	---	---	---
CNRC-IST	---	---	---	---	---	---	---	---	---
CRSNG	---	---	---	---	---	---	---	---	---
CSC	1,169	---	1,169	1,178	---	1,178	1,347	---	1,347
SECRETARIAT D'ETAT									
SECE	2,371	1,057	3,428	2,636	860	3,496	2,862	1,038	3,900
SECE-LO	101	154	255	79	145	224	84	165	249
SECE-AC	285	337	622	389	193	582	404	193	597
SECE-AE	304	---	304	200	---	200	220	---	220
SECE-TRA	1,556	247	1,803	1,899	290	2,189	2,081	290	2,371
SECE-CIT	125	319	444	69	232	301	73	390	463
SECE-FAS	---	---	---	---	---	---	---	---	---
SRC	1,459	1,655	3,114	1,520	1,800	3,320	1,377	2,089	3,466
ONF	---	---	---	---	---	---	---	---	---
BIBN	13,051	24	13,075	14,712	23	14,735	17,155	23	17,178
MUSN	25,683	7,697	33,380	23,318	7,130	30,448	23,781	7,233	31,014
AP	8,347	---	8,347	8,833	---	8,833	9,900	---	9,900
CFP	---	---	---	---	---	---	---	---	---
CRSHC	1,684	13,733	15,337	1,744	13,983	15,727	1,933	15,852	17,785
SOLLICITEUR GENERAL									
SGEN	380	452	832	431	354	785	350	444	794
SGEN-ADM	380	452	832	431	354	785	350	444	794
GRC	---	---	---	---	---	---	---	---	---
APPROVISIONNEMENTS ET SERVICES									
AS	8	179	187	22	537	559	49	590	639
AS-APP	8	179	187	22	537	559	49	590	639
ACL	---	---	---	---	---	---	---	---	---
TRANSPORTS									
TPT	---	74	74	---	---	---	---	---	---
TPT-ADM	---	---	---	---	---	---	---	---	---
TPT-EAU	---	---	---	---	---	---	---	---	---
TPT-AER	---	---	---	---	---	---	---	---	---
TPT-SUR	---	74	74	---	---	---	---	---	---
CTC	1,942	177	2,119	1,505	118	1,623	1,505	118	1,623
CPN	---	---	---	---	---	---	---	---	---
CONSEIL DU TRESOR									
CT	10,408	---	10,408	11,629	---	11,629	11,673	---	11,673
CT-ADM	10,408	---	10,408	11,629	---	11,629	11,673	---	11,673
STCAN	128,588	66	128,654	123,332	31	123,363	135,129	31	135,160
TOTAL	266,646	44,358	311,004	271,845	43,361	315,206	295,929	48,136	344,065

** DEPENSES INTRA-MUROS NE COMPRENNENT PAS LES COÛTS AUTRES QUE LES PROGRAMMES

EFFECTIFS FEDERAUX EMPLOYES DANS LES ACTIVITES SCIENTIFIQUES
 PAR MINISTERE OU ORGANISME, PAR CATEGORIE, EN 1978-79
 (ANNEES-PERSONNES EN EQUIVALENT A PLEIN TEMPS)

MINISTERE OU ORGANISME	DIRECTION	SCIENCES + PROFESSIONS	ADMIN. + SERVICE EXTERIEUR	TECHNIQUE	SOUTIEN ADMINIS- TRATIF	EXPLOI- TATION	PERSONNEL MILITAIRE	TOTAL
AGRICULTURE								
AGR	1	61	6	13	21	---	---	102
AGR-ADM	1	61	6	13	21	---	---	102
AGR-RES	---	---	---	---	---	---	---	---
AGR-PCA	---	---	---	---	---	---	---	---
AGR-PIA	---	---	---	---	---	---	---	---
AGR-CCG	---	---	---	---	---	---	---	---
OCP	0	1	---	---	1	---	---	2
COMMUNICATIONS								
COMM	6	37	19	4	35	---	---	101
CRTC	---	2	2	5	6	---	---	15
CONSOMMATION ET CORPORATIONS								
CC	2	36	1	3	17	---	---	59
CC-ADM	2	8	---	---	3	---	---	13
CC-CON	---	13	1	1	5	---	---	20
CC-COR	---	3	---	1	4	---	---	8
CC-EC	---	12	---	1	5	---	---	18
CC-PI	---	---	---	---	---	---	---	---
EMPLOI ET IMMIGRATION								
EI	7	137	9	24	62	---	---	239
EI-ADM	7	137	9	24	62	---	---	239
CEIC	---	81	7	6	74	---	---	168
CEIC-EA	---	81	7	6	74	---	---	168
ENERGIE, MINES ET RESSOURCES								
EMR	6	108	4	14	41	1	---	173
EMR-ENER	2	27	---	---	---	---	---	28
EMR-MIN	4	81	4	14	41	1	---	145
EMR-SG	---	---	---	---	---	---	---	---
CCEA	---	---	---	---	---	---	---	---
EACL	---	---	---	---	---	---	---	---
NEB	---	10	---	3	2	---	---	15
ENVIRONNEMENT								
ENV	1	97	11	83	47	1	---	239
ENV-ADM	---	3	---	---	4	---	---	6
ENV-SE	1	39	7	8	12	1	---	68
ENV-SPE	---	---	---	---	---	---	---	---
ENV-SEA	---	---	---	---	---	---	---	---
ENV-SGE	1	39	7	8	12	1	---	68
ENV-FOR	---	---	---	---	---	---	---	---
ENV-PC	---	55	4	75	31	---	---	165
AFFAIRES EXTERIEURES								
AE	---	4	62	---	41	---	---	107
AE-ICE	---	4	62	---	41	---	---	107
ACDI	1	11	15	2	11	---	---	40
CRDI	5	63	32	15	50	---	---	165
FINANCES								
FIN	8	115	19	20	47	---	---	209
FIN-PFE	8	115	19	20	47	---	---	209
PECHES ET OCEANS								
P&O	---	46	13	11	30	---	---	100
P&O-GPR	---	46	13	11	30	---	---	100
AFFAIRES INDIENNES ET NORD CANADIEN								
AINC	3	39	6	3	10	2	---	62
AINC-AII	---	2	2	1	0	---	---	5
AINC-AN	3	37	4	2	10	2	---	57
INDUSTRIE ET COMMERCE								
IC	1	11	3	---	1	1	---	16
IC-CI	1	11	---	---	1	---	---	12
IC-TOUR	---	---	3	---	---	1	---	4
IC-CGO	---	---	---	---	---	---	---	---
JUSTICE								
JUST	---	15	4	1	16	---	---	36
JUST-ADM	---	15	4	1	16	---	---	36
JUST-CIUC	---	---	---	---	---	---	---	---
CRD	3	1	4	---	29	---	---	37
TRAVAIL								
TRAV	2	26	27	20	36	---	---	110
DEFENSE NATIONALE								
DEFN	---	16	1	---	9	---	35	61
DEFN-SER	---	16	1	---	9	---	35	61

EFFECTIFS FEDERAUX EMPLOYES DANS LES ACTIVITES SCIENTIFIQUES
 PAR MINISTERE OU ORGANISME, PAR CATEGORIE, EN 1978-79
 (ANNEES-PERSONNES EN EQUIVALENT A PLEIN TEMPS)

MINISTERE OU ORGANISME	DIRECTION	SCIENCES + PROFESSIONS	ADMIN. + SERVICE EXTERIEUR	TECHNIQUE	SOUTIEN ADMINIS- TRATIF	EXPLOI- TATION	PERSONNEL MILITAIRE	TOTAL
SANTÉ NATIONALE ET BIEN-ÊTRE SOCIAL								
SNBS	11	109	35	28	61	---	---	243
SNBS-ADM	7	73	17	18	37	---	---	152
SNBS-SSSS	3	23	13	6	13	---	---	57
SNBS-SM	---	---	---	---	---	---	---	---
SNBS-PS	---	6	---	---	9	---	---	15
SNBS-SAA	1	7	5	4	3	---	---	19
CRM	---	---	---	---	---	---	---	---
REVENU NATIONAL								
REVN	2	27	79	3	61	---	---	172
REVN-IMP	2	27	79	3	61	---	---	172
POSTES								
PO	1	9	2	6	4	---	---	22
CONSEIL PRIVÉ								
CP	---	---	9	---	2	---	---	11
CLO	1	---	25	---	1	---	---	27
CEC	3	91	30	12	64	---	---	200
TRAVAUX PUBLICS								
TP	---	---	---	---	---	---	---	---
TP-SPT	---	---	---	---	---	---	---	---
CMHC	6	30	7	40	40	---	---	123
CCN	3	18	1	13	4	6	---	45
EXPANSION ECONOMIQUE REGIONALE								
EER	---	9	3	3	7	3	---	25
SCIENCES ET TECHNOLOGIE								
ST	22	15	79	4	45	3	---	168
CNRC	---	---	---	---	---	---	---	---
CNRC-RSI	---	---	---	---	---	---	---	---
CNRC-IST	---	---	---	---	---	---	---	---
CRSNG	---	---	---	---	---	---	---	---
CSC	3	13	10	12	22	---	---	60
SECRETARIAT D'ETAT								
SECE	1	16	136	4	58	---	---	215
SECE-LO	---	2	1	---	1	---	---	4
SECE-AC	---	7	1	---	1	---	---	9
SECE-AE	1	4	---	1	1	---	---	7
SECE-TRA	---	---	132	---	53	---	---	185
SECE-CIT	---	3	2	3	2	---	---	10
SECE-FAS	---	---	---	---	---	---	---	---
SRC	4	19	1	31	2	---	---	57
ONF	---	---	---	---	---	---	---	---
BIBN	3	176	33	76	194	12	---	494
MUSN	6	78	151	185	114	159	---	693
AP	---	112	8	68	79	---	---	267
CFP	---	2	1	---	1	---	---	4
CRSHC	4	2	44	---	48	---	---	98
SOLLICITEUR GENERAL								
SGEN	1	34	2	3	17	---	---	57
SGEN-ADM	1	34	2	3	17	---	---	57
GRC	---	---	---	---	---	---	---	---
APPROVISIONNEMENTS ET SERVICES								
AS	---	---	1	---	1	---	---	1
AS-APP	---	---	1	---	1	---	---	1
ACL	---	---	---	---	---	---	---	---
TRANSPORTS								
TPT	---	3	---	---	---	---	---	3
TPT-ADM	---	1	---	---	---	---	---	1
TPT-EAU	---	---	---	---	---	---	---	---
TPT-AER	---	---	---	---	---	---	---	---
TPT-SUR	---	2	---	---	---	---	---	2
CTC	1	62	3	22	23	---	---	111
CPN	---	---	---	---	---	---	---	---
CONSEIL DU TRESOR								
CT	22	52	122	3	46	---	---	245
CT-ADM	22	52	122	3	46	---	---	245
STCAN	29	832	744	784	2,679	43	---	5,111
TOTAL	168	2,625	1,770	1,523	4,157	231	35	10,508

EFFECTIFS FEDERAUX EMPLOYES DANS LES ACTIVITES SCIENTIFIQUES
PAR MINISTERE OU ORGANISME, PAR CATEGORIE, EN 1979-80
(ANNEES-PERSONNES EN EQUIVALENT A PLEIN TEMPS)

MINISTERE OU ORGANISME	DIRECTION	SCIENCES + PROFESSIONS	ADMIN. + SERVICE EXTERIEUR	TECHNIQUE	SOUTIEN ADMINIS- TRATIF	EXPLOI- TATION	PERSONNEL MILITAIRE	TOTAL
AGRICULTURE								
AGR	3	59	6	13	19	---	---	100
AGR-ADM	3	59	6	13	19	---	---	100
AGR-RES	---	---	---	---	---	---	---	---
AGR-PCA	---	---	---	---	---	---	---	---
AGR-PIA	---	---	---	---	---	---	---	---
AGR-CCG	---	---	---	---	---	---	---	---
OCP	0	1	---	---	1	---	---	2
COMMUNICATIONS								
COMM	8	32	32	3	27	---	---	102
CRTC	---	2	4	5	6	---	---	17
CONSOMMATION ET CORPORATIONS								
CC	3	39	1	3	14	---	---	60
CC-ADM	3	15	---	---	5	---	---	23
CC-CON	---	11	1	2	4	---	---	18
CC-COR	---	2	---	---	2	---	---	4
CC-EC	---	11	---	1	3	---	---	15
CC-PI	---	---	---	---	---	---	---	---
EMPLOI ET IMMIGRATION								
EI	6	85	9	26	61	---	---	187
EI-ADM	6	85	9	26	61	---	---	187
CEIC	---	89	8	11	66	---	---	174
CEIC-EA	---	89	8	11	66	---	---	174
ENERGIE, MINES ET RESSOURCES								
EMR	11	141	4	21	46	1	---	224
EMR-ENER	7	63	---	7	5	---	---	82
EMR-MIN	4	78	4	14	41	1	---	142
EMR-SG	---	---	---	---	---	---	---	---
CCEA	---	---	---	---	---	---	---	---
EACL	---	---	---	---	---	---	---	---
NEB	---	10	1	3	2	---	---	16
ENVIRONNEMENT								
ENV	1	95	14	82	47	3	---	242
ENV-ADM	---	2	---	---	3	---	---	5
ENV-SE	1	39	7	8	12	1	---	68
ENV-SPE	---	---	---	---	---	---	---	---
ENV-SEA	---	---	---	---	---	---	---	---
ENV-SGE	1	39	7	8	12	1	---	68
ENV-FOR	---	---	---	---	---	---	---	---
ENV-PC	---	54	7	74	32	2	---	169
AFFAIRES EXTERIEURES								
AE	---	4	63	---	38	---	---	105
AE-ICE	---	4	63	---	38	---	---	105
ACDI	1	9	17	3	10	---	---	40
CRDI	5	71	31	15	61	---	---	183
FINANCES								
FIN	11	129	21	21	44	---	---	226
FIN-PFE	11	129	21	21	44	---	---	226
PECHES ET OCEANS								
P&O	---	46	13	11	30	---	---	100
P&O-GPR	---	46	13	11	30	---	---	100
AFFAIRES INDIENNES ET NORD CANADIEN								
AINC	2	36	5	5	8	2	---	56
AINC-AII	---	2	2	1	0	---	---	5
AINC-AN	2	34	3	4	8	2	---	51
INDUSTRIE ET COMMERCE								
IC	1	11	3	---	1	1	---	17
IC-CI	1	11	---	---	1	---	---	13
IC-TOUR	---	---	3	---	---	1	---	4
IC-CGO	---	---	---	---	---	---	---	---
JUSTICE								
JUST	2	15	9	1	23	---	---	50
JUST-ADM	---	15	4	1	17	---	---	37
JUST-CIUC	2	---	5	---	6	---	---	13
CRD	3	1	4	---	29	---	---	37
TRAVAIL								
TRAV	1	24	28	19	36	---	---	107
DEFENSE NATIONALE								
DEFN	---	16	1	---	9	---	35	61
DEFN-SER	---	16	1	---	9	---	35	61

EFFECTIFS FEDERAUX EMPLOYES DANS LES ACTIVITES SCIENTIFIQUES

PAR MINISTERE OU ORGANISME, PAR CATEGORIE, EN 1979-80

(ANNEES-PERSONNES EN EQUIVALENT A PLEIN TEMPS)

MINISTERE OU ORGANISME	DIRECTION	SCIENCES + PROFESSIONS	ADMIN. + SERVICE EXTERIEUR	TECHNIQUE	SOUTIEN ADMINIS- TRATIF	EXPLOI- TATION	PERSONNEL MILITAIRE	TOTAL
SANTÉ NATIONALE ET BIEN-ÊTRE SOCIAL								
SNBS	9	70	29	20	48	---	---	175
SNBS-ADM	5	47	15	16	28	---	---	111
SNBS-SSSS	3	11	9	---	10	---	---	33
SNBS-SM	---	---	---	---	---	---	---	---
SNBS-PS	---	6	---	---	8	---	---	14
SNBS-SAA	1	6	5	4	3	---	---	17
CRM	---	---	---	---	---	---	---	---
REVENU NATIONAL								
REV/N	2	27	81	2	73	---	---	185
REV/N-IMP	2	27	81	2	73	---	---	185
POSTES								
PO	1	9	2	6	5	---	---	23
CONSEIL PRIVÉ								
CP	---	---	---	---	---	---	---	---
CLO	1	---	24	---	5	---	---	30
CEC	3	73	29	11	61	---	---	177
TRAVAUX PUBLICS								
TP	---	---	---	---	---	---	---	---
TP-SPT	---	---	---	---	---	---	---	---
CMHC	6	25	6	35	36	---	---	108
CCN	3	18	1	14	4	6	---	46
EXPANSION ÉCONOMIQUE RÉGIONALE								
EER	---	15	---	3	7	2	---	27
SCIENCES ET TECHNOLOGIE								
ST	21	11	76	5	47	2	---	162
CNRC	---	---	---	---	---	---	---	---
CNRC-RSI	---	---	---	---	---	---	---	---
CNRC-IST	---	---	---	---	---	---	---	---
CRSNG	---	---	---	---	---	---	---	---
CSC	3	13	12	13	21	---	---	62
SECRETARIAT D'ÉTAT								
SECE	---	12	142	4	58	---	---	216
SECE-LO	---	2	---	---	1	---	---	3
SECE-AC	---	7	---	2	---	---	---	9
SECE-AE	---	3	---	---	1	---	---	4
SECE-TRA	---	---	141	---	56	---	---	197
SECE-CIT	---	---	1	2	---	---	---	3
SECE-FAS	---	---	---	---	---	---	---	---
SRC	4	19	1	31	2	---	---	57
ONF	---	---	---	---	---	---	---	---
BIBN	3	182	35	46	231	3	---	500
MUSN	5	73	138	188	116	165	---	685
AP	---	114	7	72	78	---	---	271
CFP	---	4	1	---	1	---	---	6
CRSHC	4	2	48	---	53	---	---	107
SOLLICITEUR GÉNÉRAL								
SGEN	1	34	2	3	17	---	---	57
SGEN-ADM	1	34	2	3	17	---	---	57
GRC	---	---	---	---	---	---	---	---
APPROVISIONNEMENTS ET SERVICES								
AS	---	---	1	---	1	---	---	2
AS-APP	---	---	1	---	1	---	---	2
ACL	---	---	---	---	---	---	---	---
TRANSPORTS								
TPT	---	3	---	---	---	---	---	3
TPT-ADM	---	1	---	---	---	---	---	1
TPT-EAU	---	---	---	---	---	---	---	---
TPT-AER	---	---	---	---	---	---	---	---
TPT-SUR	---	2	---	---	---	---	---	2
CTC	2	50	1	12	16	---	---	81
CPN	---	---	---	---	---	---	---	---
CONSEIL DU TRÉSOR								
CT	27	13	136	2	40	---	---	218
CT-ADM	27	13	136	2	40	---	---	218
STCAN	28	763	668	725	2,311	39	---	4,534
TOTAL	180	2,445	1,713	1,433	3,807	224	35	9,837

EFFECTIFS FEDERAUX EMPLOYES DANS LES ACTIVITES SCIENTIFIQUES
 PAR MINISTERE OU ORGANISME, PAR CATEGORIE, EN 1980-81
 (ANNEES-PERSONNES EN EQUIVALENT A PLEIN TEMPS)

MINISTERE OU ORGANISME	DIRECTION	SCIENCES + PROFESSIONS	ADMIN. + SERVICE EXTERIEUR	TECHNIQUE	SOUTIEN ADMINIS- TRATIF	EXPLOI- TATION	PERSONNEL MILITAIRE	TOTAL
AGRICULTURE								
AGR	3	59	4	16	18	---	---	100
AGR-ADM	3	59	4	16	18	---	---	100
AGR-RES	---	---	---	---	---	---	---	---
AGR-PCA	---	---	---	---	---	---	---	---
AGR-PIA	---	---	---	---	---	---	---	---
AGR-CCG	---	---	---	---	---	---	---	---
OCP	0	1	---	---	1	---	---	2
COMMUNICATIONS								
COMM	8	32	32	3	27	---	---	102
CRTC	---	2	4	5	6	---	---	17
CONSOMMATION ET CORPORATIONS								
CC	2	37	2	3	11	---	---	55
CC-ADM	2	11	---	---	3	---	---	16
CC-CON	---	14	2	2	4	---	---	22
CC-COR	---	2	---	---	2	---	---	4
CC-EC	---	10	---	1	2	---	---	13
CC-PI	---	---	---	---	---	---	---	---
EMPLOI ET IMMIGRATION								
EI	6	79	9	26	61	---	---	181
EI-ADM	6	79	9	26	61	---	---	181
CEIC	---	89	8	11	66	---	---	174
CEIC-EA	---	89	8	11	66	---	---	174
ENERGIE, MINES ET RESSOURCES								
EMR	12	146	4	21	46	1	---	229
EMR-ENER	8	68	---	7	5	---	---	87
EMR-MIN	4	78	4	14	41	1	---	142
EMR-SG	---	---	---	---	---	---	---	---
CCEA	---	---	---	---	---	---	---	---
EACL	---	---	---	---	---	---	---	---
NEB	---	10	1	3	2	---	---	16
ENVIRONNEMENT								
ENV	1	95	14	82	48	3	---	243
ENV-ADM	---	2	---	---	4	---	---	6
ENV-SE	1	39	7	8	12	1	---	68
ENV-SPE	---	---	---	---	---	---	---	---
ENV-SEA	---	---	---	---	---	---	---	---
ENV-SGE	1	39	7	8	12	1	---	68
ENV-FOR	---	---	---	---	---	---	---	---
ENV-PC	---	54	7	74	32	2	---	169
AFFAIRES EXTERIEURES								
AE	---	4	63	---	38	---	---	105
AE-ICE	---	4	63	---	38	---	---	105
ACDI	1	9	17	3	10	---	---	40
CRDI	5	70	29	15	57	---	---	176
FINANCES								
FIN	10	135	19	21	38	---	---	223
FIN-PFE	10	135	19	21	38	---	---	223
PECHES ET OCEANS								
P&O	---	46	13	11	30	---	---	100
P&O-GPR	---	46	13	11	30	---	---	100
AFFAIRES INDIENNES ET NORD CANADIEN								
AINC	2	39	5	5	8	2	---	59
AINC-AII	---	2	2	1	0	---	---	5
AINC-AN	2	37	3	4	8	2	---	54
INDUSTRIE ET COMMERCE								
IC	1	11	3	---	1	1	---	17
IC-CI	1	11	---	---	1	---	---	13
IC-TOUR	---	---	3	---	---	1	---	4
IC-CGO	---	---	---	---	---	---	---	---
JUSTICE								
JUST	2	15	9	---	22	---	---	48
JUST-ADM	---	15	4	---	16	---	---	35
JUST-CIUC	2	---	5	---	6	---	---	13
CRD	3	1	4	---	28	---	---	36
TRAVAIL								
TRAV	3	24	30	20	36	---	---	112
DEFENSE NATIONALE								
DEFN	---	16	1	---	9	---	35	61
DEFN-SER	---	16	1	---	9	---	35	61

EFFECTIFS FEDERAUX EMPLOYES DANS LES ACTIVITES SCIENTIFIQUES
 PAR MINISTERE OU ORGANISME, PAR CATEGORIE, EN 1980-81
 (ANNEES-PERSONNES EN EQUIVALENT A PLEIN TEMPS)

MINISTERE OU ORGANISME	DIRECTION	SCIENCES + PROFESSIONS	ADMIN. + SERVICE EXTERIEUR	TECHNIQUE	SOUTIEN ADMINIS- TRATIF	EXPLOI- TATION	PERSONNEL MILITAIRE	TOTAL
SANTÉ NATIONALE ET BIEN-ÊTRE SOCIAL								
SNBS	8	75	30	20	51	---	---	182
SNBS-ADM	5	47	15	16	28	---	---	111
SNBS-SSSS	2	16	10	---	12	---	---	40
SNBS-SM	---	---	---	---	---	---	---	---
SNBS-PS	---	6	---	---	8	---	---	14
SNBS-SAA	1	6	5	4	3	---	---	17
CRM	---	---	---	---	---	---	---	---
REVENU NATIONAL								
REVN	2	31	70	2	79	---	---	184
REVN-IMP	2	31	70	2	79	---	---	184
POSTES								
PO	1	9	2	4	5	---	---	21
CONSEIL PRIÉ								
CP	---	---	---	---	---	---	---	---
CLO	1	---	25	---	4	---	---	30
CEC	3	66	20	11	57	---	---	157
TRAVAUX PUBLICS								
TP	---	---	---	---	---	---	---	---
TP-SPT	---	---	---	---	---	---	---	---
CMHC	7	33	7	42	42	---	---	131
CCN	2	14	1	12	3	5	---	37
EXPANSION ECONOMIQUE REGIONALE								
EER	---	19	---	3	7	2	---	31
SCIENCES ET TECHNOLOGIE								
ST	21	11	69	5	48	2	---	156
CNRC	---	---	---	---	---	---	---	---
CNRC-RSI	---	---	---	---	---	---	---	---
CNRC-IST	---	---	---	---	---	---	---	---
CRSNG	---	---	---	---	---	---	---	---
CSC	3	13	12	13	21	---	---	62
SECRETARIAT D'ETAT								
SECE	---	12	132	4	55	---	---	203
SECE-LO	---	2	---	---	1	---	---	3
SECE-AC	---	7	---	2	---	---	---	9
SECE-AE	---	3	---	---	1	---	---	4
SECE-TRA	---	---	131	---	53	---	---	184
SECE-CIT	---	---	1	2	---	---	---	3
SECE-FAS	---	---	---	---	---	---	---	---
SRC	4	19	1	31	2	---	---	57
ONF	---	---	---	---	---	---	---	---
BIBN	2	187	40	46	223	2	---	500
MUSN	5	73	137	188	116	160	---	679
AP	---	113	3	68	82	---	---	266
CFP	---	---	---	---	---	---	---	---
CRSHC	4	2	50	---	49	---	---	105
SOLLICITEUR GENERAL								
SGEN	1	32	3	3	16	---	---	55
SGEN-ADM	1	32	3	3	16	---	---	55
GRC	---	---	---	---	---	---	---	---
APPROVISIONNEMENTS ET SERVICES								
AS	---	---	1	---	1	---	---	1
AS-APP	---	---	1	---	1	---	---	1
ACL	---	---	---	---	---	---	---	---
TRANSPORTS								
TPT	---	1	0	0	---	---	---	2
TPT-ADM	---	---	---	---	---	---	---	---
TPT-BAU	---	---	---	---	---	---	---	---
TPT-AER	---	---	---	---	---	---	---	---
TPT-SUR	---	1	0	0	---	---	---	2
CTC	2	49	1	11	16	---	---	79
CPN	---	---	---	---	---	---	---	---
CONSEIL DU TRESOR								
CT	27	23	130	3	38	---	---	221
CT-ADM	27	23	130	3	38	---	---	221
STCAN	29	732	668	703	2,266	37	---	4,435
TOTAL	179	2,434	1,672	1,413	3,741	215	35	9,689

EFFECTIFS FEDERAUX EMPLOYES DANS LES ACTIVITES SCIENTIFIQUES
PAR CATEGORIE, PAR ACTIVITE, EN 1978-81

(ANNEES-PERSONNES EN EQUIVALENT A PLEIN TEMPS)

ACTIVITE	DIRECTION	SCIENCES & PROFESSIONS	ADMINISTR. & SERV. EXTER.	TECHNIQUE	SOUTIEN ADMINISTRATIF	EXPLOITATION	MILITAIRE	TOTAL
1978-79								
INTRA-MUROS R-D	22	525	168	132	242	9	24	1.123
INTRA-MUROS ASC	130	1.988	1.485	1.384	3.772	222	11	8.993
ADMIN. DES PROGRAMMES EXTRA-MUROS	15	111	116	7	143	0	0	392
TOTAL	168	2.625	1.770	1.523	4.157	231	35	10.508
1979-80								
INTRA-MUROS R-D	23	445	157	118	223	8	24	997
INTRA-MUROS ASC	143	1.893	1.450	1.310	3.442	216	11	8.465
ADMIN. DES PROGRAMMES EXTRA-MUROS	14	107	107	5	143	0	0	375
TOTAL	180	2.445	1.713	1.433	3.807	224	35	9.837
1980-81								
INTRA-MUROS R-D	24	431	150	122	217	7	24	975
INTRA-MUROS ASC	142	1.895	1.414	1.204	3.385	208	11	8.339
ADMIN. DES PROGRAMMES EXTRA-MUROS	14	108	107	7	139	0	0	375
TOTAL	179	2.434	1.672	1.413	3.741	215	35	9.689

I PORTÉE ET LIMITES DES DONNÉES

Les chiffres que renferme le présent document sont ceux des dépenses décrites dans le budget fédéral aux postes des activités scientifiques déclarées par les ministères et les organismes lors des enquêtes en vue de la préparation du Budget principal des dépenses. Même si ces activités entraînent d'autres coûts indirects ou "non liés aux programmes", ils ne font pas habituellement partie du programme ministériel particulier auquel se rapportent les dépenses scientifiques. Ces coûts "non liés aux programmes" peuvent comprendre des services offerts à d'autres ministères, des frais d'installation ou la partie des coûts de l'administration générale des programmes qui se rapporte aux activités scientifiques.

Ces coûts non liés aux programmes, peuvent être inclus ou non, selon les buts que s'est fixé l'auteur de l'analyse. Il peut être préférable de ne traiter que des dépenses directement liées aux programmes, particulièrement dans les domaines de l'analyse budgétaire. Cet élément est nécessaire afin de faciliter la comparaison effectuée sur une même base entre les dépenses pour les activités scientifiques et technologiques et les autres genres de dépenses dans le secteur fédéral. Par exemple, si on applique aux activités scientifiques et technologiques, les coûts non liés des programmes d'administration, il est nécessaire de faire des rajustements parallèles pour les autres domaines mentionnés au cours de la préparation du budget. La présente publication renferme des dépenses qui excluent les coûts non liés aux programmes, afin de permettre d'effectuer ces genres d'analyses.

Si l'on veut déterminer l'importance des activités scientifiques et technologiques du gouvernement fédéral et comparer ces renseignements à ceux d'autres secteurs ou d'autres pays, il serait alors préférable d'inclure les coûts non liés aux programmes. Dans ce contexte, la somme des dépenses directes et des coûts non liés aux programmes représente le coût "total" des travaux scientifiques et technologiques du gouvernement fédéral. Si l'on prend les précautions nécessaires, ces chiffres peuvent être comparés au total dépensé par l'industrie pour laquelle tous les coûts directs et indirects peuvent être déclarés. A des fins de telles analyses, Statistique Canada, entre autres, fournit des données sur les dépenses qui comprennent les coûts non liés aux programmes, dans certaines publications telle La Revue annuelle

de statistiques en science (n° de catalogue 13-212) et dans divers exemplaires du Bulletin de service (n° de catalogue 13-003). Les dépenses intra-muros que renferment ces publications seront donc plus élevées que celles de la présente publication et la différence sera celle du montant des coûts non liés aux programmes. Les dépenses extra-muros ne sont pas touchées et seront les mêmes dans les deux genres de publications. Le montant total pour les dépenses intra-muros et extra-muros variera naturellement selon ces deux séries de publications et la différence sera celle du montant des coûts non liés aux programmes.

II DEFINITIONS

On demande aux ministères et aux organismes d'identifier les ressources mentionnées dans leurs prévisions de dépenses engagées pour des activités scientifiques et technologiques dans le domaine des sciences naturelles et humaines. Chaque programme constitue l'unité fondamentale de prévision budgétaire.

Vous trouverez plus loin des définitions et des notes explicatives concernant les sciences sociales, les sciences humaines, les activités scientifiques et technologiques, les secteurs d'exécution de travaux et d'autres expressions utilisées dans cette publication.

Les sciences naturelles englobent toutes les disciplines relevant de la compréhension, de l'exploration, de l'évolution ou de l'utilisation du monde matériel. Elles comprennent le génie, les mathématiques, les sciences biologiques et physiques.

Le terme sciences humaines est synonyme de sociologie et d'humanités et englobe donc toutes les disciplines qui comprennent l'étude des actions et des situations humaines ainsi que les mécanismes sociaux, économiques et institutionnels touchant l'être humain. Les sciences humaines comprennent des disciplines telles que l'anthropologie, l'administration des entreprises et le commerce, les communications, la criminologie, la démographie, l'économie, la géographie, l'histoire, les langues, la littérature et la linguistique, le droit, la bibliothéconomie, la philosophie, les sciences politiques, la psychologie, les sciences religieuses, le service social, la sociologie ainsi que les études urbaines et régionales.

Pour certains programmes, il sera difficile de faire la distinction entre les sciences naturelles et les sciences humaines. Il faut cependant s'efforcer de préciser et, conséquemment, le répondant aurait avantage à identifier l'affectation des crédits en fonction de l'orientation prépondérante des projets et selon le domaine de spécialisation du personnel.

ACTIVITES DANS LE DOMAINE DES SCIENCES NATURELLES

Les dépenses des activités scientifiques et technologiques, actuelles et prévues, sont classées selon le genre d'activités scientifiques et selon le secteur d'exécution de travaux dans lequel ces activités ont été ou seront menées.

Les activités scientifiques et technologiques comprennent des travaux d'innovation, de diffusion et de mise en application des connaissances scientifiques et technologiques. Les deux principales catégories sont la recherche et le développement expérimental (R-D) et les activités scientifiques connexes (ASC).

Dans le domaine des sciences naturelles, le groupe des ASC comprend la collecte de données scientifiques, l'information scientifique, la vérification et la normalisation, les études de praticabilité, l'aide à l'éducation et les musées. De telles activités sont liées à la recherche et, en général, visent à compléter et à élargir le champ de la R-D.

Les dépenses de construction, d'acquisition ou de préparation des terres, des immeubles, des appareils et de l'équipement constituent des dépenses en capital. Toutes les autres dépenses sont des dépenses courantes.

Recherche et développement expérimental (R-D) - Travail créatif entrepris systématiquement afin d'augmenter le bagage scientifique et technique ou d'utiliser les connaissances actuelles de façon inédite.

La particularité principale de la R-D doit comporter un élément important de nouveauté et d'incertitude. Le travail est habituellement exécuté ou supervisé par des personnes possédant une formation post-universitaire dans le domaine des sciences naturelles ou du génie.

En général, la R-D est menée par des équipes spécialisées. Cependant, un projet en R-D peut également comprendre l'utilisation de services ne relevant pas de la R-D (par exemple, des terrains d'essais), l'achat ou la construction d'équipement et de matériaux spécialisés ainsi que l'aide d'autres groupes. Les coûts relatifs à de telles contributions se rapportant au projet, sont tenus pour des coûts en R-D.

Certains groupes de R-D peuvent également participer à des activités ne relevant pas de la R-D, comme des services techniques consultatifs, la vérification et la construction d'un équipement spécialisé pour d'autres groupes. Autant que la chose est possible, les efforts apportés à de telles opérations ne font pas partie de la R-D proprement dite.

D'autre part, la R-D peut être faite par des groupes qui s'occupent d'habitude d'autres fonctions (par exemple, un navire hydrographe utilisé pour la recherche, une équipe de recherche en géologie peut travailler dans un domaine où il sera possible de fournir des données utilisées pour un projet

de recherche en géophysique). Un tel travail fait partie d'un projet de R-D et, encore une fois, autant que la chose est possible, les coûts sont rattachés aux dépenses en R-D.

Exemple:

1. Une autopsie routinière portant sur les causes d'un décès n'est pas de la recherche, mais une enquête spéciale portant sur un décès particulier, de façon à établir les effets secondaires de certains traitements, constitue une recherche. De la même façon, des analyses habituelles, comme les analyses de prélèvements sanguins et bactériologiques ne sont pas de la recherche, mais un programme spécial de prélèvements sanguins lié à la mise en marché d'un nouveau médicament constitue une recherche appliquée.
2. Des relevés quotidiens de température ou de pression atmosphérique constituent une collecte de données et non pas de la recherche. Des enquêtes afin de découvrir de nouvelles méthodes pour mesurer la température sont de la recherche ainsi que l'étude et la mise au point de nouveaux systèmes et techniques d'interprétation de ces données.

R-D interne - R-D effectuée par le personnel du programme concerné. Elle peut comprendre la R-D menée pour un autre programme et financée selon la formule de recouvrement de fonds.

Contrats de R-D - Versements à des organismes ou à des particuliers ne faisant pas partie du gouvernement fédéral pour des travaux de R-D menés par le récipiendaire ou en vue de fournir un appui à un programme de recherche interne du gouvernement fédéral.

- a) Contrats de R-D - Contrats accordés à un organisme ou à un particulier de l'extérieur en vue de financer la R-D exécutée par l'établissement ou le particulier. La condition sera de savoir si l'exécutant devra déclarer le contrat comme de la R-D intra-muros financée par le gouvernement si on lui en fait la demande.
- b) Contrats secondaires - Contrats accordés à un établissement ou à un particulier de l'extérieur en vue de fournir les biens et services nécessaires à un programme de R-D interne, par exemple les contrats avec les sociétés de traitement de l'information pour des services en informatique, des contrats pour l'entretien des installations de R-D ou des contrats d'achat de matériel spécialisé qui ne fait pas partie de l'immobilisation.

Les contrats liés aux activités scientifiques connexes (ASC) figurent sous la rubrique appropriée de l'activité et du secteur d'exécution.

Subventions et contributions de R-D - Subventions versées à des organismes ou à des particuliers pour des travaux de R-D qui profiteront aux bénéficiaires plutôt que d'apporter au personnel du programme des biens, des services ou de l'information. Ces fonds sont habituellement identiques au poste budgétaire "subventions et contributions" touchant les activités de R-D.

Les subventions et les contributions liées aux activités scientifiques connexes (ASC) sont inscrites sous la rubrique appropriée de l'activité et du secteur d'exécution.

Bourses de recherche - Subventions accordées à des particuliers pour une formation avancée en recherche et pour l'acquisition d'expérience. Les sommes consacrées principalement à défrayer les bénéficiaires du coût des études entreprises sont inscrites comme "aide à l'éducation".

Collecte de données scientifiques - Rassemblement, traitement et analyse de données portant sur des phénomènes naturels. Ces données proviennent généralement d'enquêtes, d'analyses usuelles en laboratoire ou de simples compilations de fiches opérationnelles.

Le coût de la collecte des données pour un programme de recherches en cours ou proposé entre dans les frais de recherche. De la même façon, les coûts d'analyse de données existantes faisant partie d'un projet de recherche constituent des frais de R-D, même si les données ont tout d'abord été rassemblées à d'autres fins. De même, on considère comme activité de recherche toute mise au point de nouvelles techniques de collecte de données.

Les relevés géologiques, hydrographiques, océanographiques et topographiques font partie de ces collectes courantes de données scientifiques, tout comme les observations astronomiques, les dossiers météorologiques et les relevés sur la faune et les poissons.

Information scientifique - Tout travail se rapportant à l'inscription, à la classification et à la diffusion d'information scientifique et technologique. Ceci comprend le fonctionnement des bibliothèques scientifiques et techniques, les services consultatifs et d'information scientifique et technologique, le Bureau des brevets, la publication de journaux et de bibliographies scientifiques ainsi que l'organisation de conférences scientifiques. Cette catégorie comprend également les subventions utilisées pour la publication de travaux scientifiques théoriques.

Cette catégorie ne comprend pas les services d'information générale ni les services d'information du grand public, ni les activités liées à l'enseignement.

Vérification et normalisation - Travail réalisé dans le but d'établir des normes nationales et internationales pour les matériaux, appareils, produits et procédés ou dans le but de définir des normes secondaires et de préparer les essais de qualité non usuels. La mise au point de nouvelles mesures de normalisation ou de nouvelles méthodes de mesure ou d'essai constitue de la R-D et devrait être considérée comme telle. La catégorie ne comprend pas les essais usuels comme le contrôle des niveaux de radioactivité ou les essais pédologiques avant la construction.

Études de praticabilité - Études techniques de projets innovateurs en génie, visant à fournir des renseignements supplémentaires nécessaires à la prise de décisions ou la mise en application. La catégorie ne comprend pas le travail usuel comme le choix des emplacements pour les routes et les ponts, à moins qu'il n'existe des conditions qui exigent des solutions nouvelles.

Aide à l'éducation - Subventions versées à des particuliers ou à des institutions dans le but d'aider les étudiants à parfaire leur instruction universitaire dans le domaine des sciences naturelles ou en technologie. Cette catégorie ne comprend pas les subventions non spécifiques accordées à des institutions d'enseignement. Cette activité comprend l'appui aux étudiants étrangers pour la poursuite d'études en science et en technologie dans des maisons d'enseignement canadiennes ou étrangères.

Les subventions visant surtout à appuyer la recherche menée par des particuliers dans des universités, sont des subventions en R-D ou des bourses de recherche.

Musées - Collecte, inventaire et expositions d'objets faisant partie du monde matériel ou représentations de phénomènes naturels. Cette catégorie comprend les activités scientifiques liées aux musées d'histoire naturelle, aux jardins zoologiques et botaniques, aux aquariums, aux planétariums et aux réserves naturelles.

Cette activité constitue un essai systématique afin de protéger et de présenter les richesses du monde des sciences naturelles; d'une certaine façon, on pourrait même dire qu'elle représente une prolongation des services d'information scientifique. Cette catégorie ne comprend pas les parcs qui ne sont pas avant tout des réserves pour certaines espèces de la faune ou de la flore.

Si la chose est possible, les travaux de telles institutions s'occupant de R-D ou de toute autre activité comme l'information scientifique et technologique ne devraient pas relever des musées mais devraient plutôt être rangés parmi les autres activités concernées.

Cette catégorie ne comprend pas les coûts d'installation servant à des fins récréatives, prévues pour les visiteurs (par exemple: restaurants, jardins d'enfants et garderies).

Administration des programmes extra-muros - Coûts des services pouvant être identifiés comme s'occupant de l'administration des contrats et des subventions ainsi que des contributions à des activités scientifiques qui sont menées en dehors du cadre du gouvernement fédéral. Ces dépenses devraient être réparties entre les genres d'activités scientifiques appuyées, c'est-à-dire R-D ou ASC.

ACTIVITÉS DANS LE DOMAINE DES SCIENCES HUMAINES

Les dépenses des activités scientifiques et technologiques, actuelles et prévues sont classifiées selon le genre d'activités scientifiques et selon le secteur d'exécution de travaux dans lequel ces activités ont été ou seront menées.

Les activités scientifiques et technologiques comprennent des travaux d'innovation, de diffusion et de mise en application des connaissances scientifiques et technologiques. Les deux principales catégories sont la recherche et le développement expérimental (R-D) et les activités scientifiques connexes (ASC). Dans le domaine des sciences humaines, le groupe des ASC comprend la collecte de données à des fins générales, les services d'information, les études économiques et de praticabilité, les études portant sur les opérations et les politiques, l'aide à l'éducation et les musées. De telles activités sont en rapport avec la recherche et contribuent en général à compléter et à élargir le champ de la R-D.

Les dépenses de construction, d'acquisition ou de préparation des terres, des immeubles, des appareils et de l'équipement constituent des dépenses en capital. Toutes les autres dépenses sont des dépenses courantes.

Recherche et développement expérimental (R-D) - Travail d'innovation entrepris systématiquement en vue de l'acquisition de nouvelles connaissances se rapportant à l'homme, à son mode de vie et à ses institutions ainsi que de nouveaux moyens d'appliquer ces connaissances.

La R-D nécessite non seulement des renseignements mais également l'acquisition de certaines connaissances. Ces nouvelles connaissances comprennent l'intégration des nouveaux renseignements acquis afin de les transposer en hypothèses plausibles, la formulation et la vérification de nouvelles hypothèses ou la réévaluation d'observations déjà faites.

Un projet en R-D présente en général trois points particuliers:

- un élément important d'incertitude, de nouveauté et d'innovation;
- un schéma de projet bien conçu;
- un compte rendu des modalités et des résultats de ce projet.

Exemples:

1. Enquêtes concernant les facteurs qui peuvent déterminer les variations régionales de la croissance économique.
2. Etudes des effets d'un programme d'expansion urbaine sur la cohésion du groupe familial.
3. Enquête concernant les variables du rendement scolaire d'enfants issus de différents groupes sociaux et ethniques.
4. Mise au point de systèmes de récompenses qui tiendront compte des différentes motivations, des attitudes et des perceptions de la direction et des employés.

Au gouvernement, on utilise souvent les mots "recherche" et "développement" en leur donnant des sens différents. Par exemple, il est de plus en plus courant d'entendre parler d'une personne qui "fait de la recherche" au sujet de quelque chose (c'est-à-dire que la personne cherche de l'information au sujet de quelque chose). De la même façon, il existe de nombreux services qui utilisent, dans leurs titres, les mots recherche ou développement, ou les deux à la fois, mais qui s'occupent surtout de collecte d'information, de rédaction de discours, de préparation d'énoncés de principes ou d'organisation ministérielle. Ces tâches ne font pas partie des activités scientifiques en R-D.

R-D interne - R-D effectuée par le personnel du programme concerné. Elle peut comprendre la R-D menée pour un autre programme et financée selon la formule de recouvrement de fonds.

Contrats de R-D - Versements à des organismes ou à des particuliers ne faisant pas partie du gouvernement fédéral pour des travaux de R-D menés par le récipiendaire ou en vue de fournir un appui à un programme de recherche interne du gouvernement fédéral.

- a) Contrats de R-D - Contrats accordés à un organisme ou à un particulier de l'extérieur en vue de financer la R-D exécutée par l'établissement ou le particulier. La condition sera de savoir si l'exécutant devra déclarer le contrat comme de la R-D intra-muros financée par le gouvernement si on lui en fait la demande.
- b) Contrats secondaires - Contrats accordés à un établissement ou à un particulier de l'extérieur en vue de fournir les biens et services nécessaires à un programme de R-D interne, par exemple les contrats avec les sociétés de traitement de l'information pour des services en informatique, des contrats pour l'entretien des installations de R-D ou des contrats d'achat de matériel spécialisé qui ne fait pas partie de l'immobilisation.

Les contrats liés aux activités scientifiques connexes (ASC) figurent sous la rubrique appropriée de l'activité et du secteur d'exécution.

Subventions et contributions de R-D - Subventions versées à des organismes ou à des particuliers pour des travaux de R-D qui profiteront aux bénéficiaires plutôt que d'apporter au personnel du programme des biens, des services ou de l'information. Ces fonds sont habituellement identiques au poste budgétaire "Subventions et contributions" touchant les activités de R-D.

Les subventions et les contributions liées aux activités scientifiques connexes (ASC) sont inscrites sous la rubrique appropriée de l'activité et du secteur d'exécution.

Bourses de recherche - Subventions accordées à des particuliers pour une formation avancée en recherche et pour l'acquisition d'expérience. Les sommes consacrées principalement à défrayer les bénéficiaires du coût des études entreprises sont inscrites comme "aide à l'éducation".

Collecte de données à des fins générales - Collecte, traitement, classement, analyse et publication d'information concernant des phénomènes humains, en se servant d'études, de recherches courantes et spéciales ainsi que de compilations des données existantes. Cela ne comprend pas la collecte de données à des fins d'administration interne (par exemple, les statistiques touchant le personnel du ministère) ni la collecte de données qui font partie d'un projet en R-D.

Le coût de la collecte des données pour un programme de recherche en cours ou proposé entre dans les frais de recherche. De la même façon, les coûts d'analyse de données existantes faisant partie d'un projet de recherche constituent des frais de R-D, même si les données ont tout d'abord été rassemblées à d'autres fins. De même, on considère comme activité de recherche toute mise au point de nouvelles techniques de collecte de données.

Les recensements quinquennaux ainsi que les sondages sur l'emploi et la production sont des exemples de collectes de données à des fins générales.

Services d'information - L'inscription, la classification et la diffusion des travaux exécutés par des services qui font surtout la diffusion d'information liée à des activités scientifiques dans les domaines des sciences sociales et des sciences humaines.

Ceci comprend le fonctionnement de bibliothèques spécialisées ou des archives nationales, la publication de revues scientifiques et bibliographiques, les subventions accordées pour la publication de travaux scientifiques et l'appui pour des conférences scientifiques et universitaires.

Cette catégorie ne comprend pas les services d'information générale ni les services d'information du grand public, non plus que les activités liées à l'enseignement.

Études économiques et de praticabilité - Enquêtes portant sur les caractéristiques socio-économiques et les répercussions de certaines situations. De telles études se limitent habituellement à un problème particulier et comprennent la mise en application de techniques et de méthodologies établies dans le domaine des sciences humaines. Nous citerons comme exemple une étude portant sur la viabilité d'une usine métallurgique à l'étranger, ou une étude coût-rendement portant sur l'établissement d'une manufacture de papier au Manitoba.

Études des opérations et des politiques - Analyse et évaluation des programmes, des principes directeurs et des opérations d'un ministère, les activités des services qui s'occupent en permanence de l'analyse et de la surveillance des événements extérieurs (par exemple: les statistiques sur les économies étrangères, l'information concernant la défense et la sécurité) de même que les études visant à fournir de l'information qui servira de base à l'élaboration d'une politique. Le travail est mené par des services spécialisés dans certains ministères, par des experts, par des commissions royales d'enquête et par des groupes d'études.

Aide à l'éducation - Subventions versées à des particuliers ou à des institutions dans le but d'aider les étudiants à parfaire leur instruction universitaire dans le domaine des

sciences sociales et des sciences humaines. Cette catégorie ne comprend pas les subventions non spécifiques accordées à des institutions d'enseignement. Cette activité comprend l'appui aux étudiants étrangers pour la poursuite d'études en sciences sociales dans des maisons d'enseignement canadiennes ou étrangères.

Les subventions visant surtout à appuyer la recherche menée par des particuliers dans des universités sont des subventions en R-D ou des bourses de recherche.

Musées - Collecte, inventaire et expositions d'objets de reproduction liés à l'histoire, à l'organisation sociale et aux créations de l'homme.

Cette activité constitue un essai systématique afin de conserver et de présenter les travaux de l'homme et de fournir de l'information au sujet de ses travaux, de son histoire et de sa nature. Cette catégorie comprend les activités scientifiques des musées historiques, les expositions archéologiques et les galeries d'art.

Cette catégorie ne comprend pas les coûts d'installation servant à des fins récréatives, prévues pour les visiteurs (par exemple: restaurants, jardins d'enfants et garderies).

Administration des programmes extra-muros - Coûts des services pouvant être identifiés comme s'occupant de l'administration des contrats et des subventions ainsi que des contributions à des activités scientifiques qui doivent être menées en dehors du cadre du gouvernement fédéral. Ces dépenses sont réparties entre les genres d'activités scientifiques appuyées, c'est-à-dire R-D ou ASC.

EXÉCUTANTS

L'exécutant représente le secteur dans lequel l'activité scientifique prévue devra être menée. La distinction fondamentale consiste dans la différence existant entre l'exécution intra-muros et extra-muros. Les paiements pour des travaux extra-muros sont classés d'après les secteurs d'exécution à qui ils vont. Les six exécutants de travaux extra-muros désignés sont l'industrie canadienne, les universités canadiennes, les institutions canadiennes sans but lucratif, gouvernements provinciaux et municipaux, les exécutants étrangers et les autres exécutants.

Exécution intra-muros - comprend:

- les activités scientifiques menées par le personnel des services faisant partie du programme;

- l'acquisition de terres, d'immeubles, d'appareils et d'équipement nécessaires aux activités scientifiques;
- l'administration des activités scientifiques par les employés du programme;
- les frais de services de soutien comme le TEI et l'organisation des déplacements du personnel.

Les dépenses intra-muros inscrites pour les activités scientifiques sont les coûts directs dérivés des programmes scientifiques. Ces coûts comprennent une partie des contributions du programme au régime d'avantages sociaux des employés (par exemple: pension de retraite) qui s'applique à la main-d'oeuvre scientifique au sein du programme. Les coûts ne faisant pas partie du programme ("frais indirects") comme la valeur des services fournis gratuitement par d'autres ministères ainsi que des locaux fournis par le programme concerné n'entrent pas dans cette catégorie.

Industrie canadienne - Entreprises commerciales et gouvernementales, y compris les services publics et les sociétés qui appartiennent au gouvernement. Les instituts de recherche industrielle situés dans des universités canadiennes relèvent du secteur universitaire.

Universités canadiennes - Y compris les instituts affiliés qui appartiennent aux universités, qui sont administrés par elles ou dont le personnel relève des universités.

Institutions canadiennes sans but lucratif - Fondations, organismes sanitaires bénévoles, sociétés scientifiques et professionnelles et autres organismes sans but lucratif. Les institutions sans but lucratif travaillant surtout pour un autre secteur ou dirigées par celui-ci devraient entrer dans la catégorie de ce dernier (par exemple l'Institut de recherche en pâtes et papiers se range dans la catégorie Industrie canadienne).

Gouvernements provinciaux et municipaux - Les ministères et les organismes de ces gouvernements. Les entreprises gouvernementales telles les services publics sont classées dans le secteur industrie canadienne, et les hôpitaux dans le secteur institution sans but lucratif.

Exécutants étrangers - Tous les gouvernements étrangers, les sociétés étrangères (y compris les filiales étrangères des sociétés canadiennes), les organismes internationaux, les étrangers non résidents et les Canadiens étudiant ou enseignant à l'étranger.

Autres exécutants - Particuliers ou organismes ne relevant d'aucun des secteurs mentionnés auparavant. Cela comprend les gouvernements provinciaux ou municipaux, les conseils de recherches provinciaux et les fondations.

CATEGORIES DE MAIN-D'OEUVRE

Les dépenses intra-muros sont exprimées à partir de données indiquant le nombre d'années-personnes affectées aux activités scientifiques et technologiques effectuées par tous les employés concernés.

Années-personnes - Mesure du temps réellement consacré aux activités scientifiques. Un employé qui se livre à des activités scientifiques pendant six mois représente l'équivalent de 0,5 année-personne.

L'information touchant les effectifs est présentée dans ce rapport selon les six catégories d'occupation du système général de classification qui s'applique à la plupart des emplois dans la fonction publique:

1. Direction: cette catégorie ne réfère qu'au groupe haute direction. Les titulaires de postes appartenant à cette catégorie sont chargés de la direction d'un organisme ou d'une partie importante d'un ministère ou d'un organisme et de donner avis sur le développement et la gestion des programmes gouvernementaux.
2. Sciences et professions: les groupes de cette catégorie sont affectés à des activités qui font appel à des connaissances généralement acquises par des études universitaires; y sont inclus aussi des groupes dont l'appartenance est régie, de façon générale, par des corporations professionnelles.
3. Administration et service extérieur: ces groupes voient à la gestion, direction, réalisation et administration de programmes voués à l'intérêt public; ils s'occupent des relations entre le Canada et les autres pays, ainsi que de la bonne marche des affaires internes de la Fonction publique du Canada.
4. Technique: cette catégorie comprend des groupes affectés à des tâches d'analyse et d'étude dans toutes les sciences ainsi qu'à l'exécution de fonctions techniques similaires où la connaissance et les qualifications requises s'acquièrent normalement au niveau secondaire d'éducation et par un enseignement spécialisé.

5. Soutien administratif: cette catégorie se compose des groupes suivants: commis aux écritures et aux règlements; communications; traitement mécanique des données; mécano-graphie; secrétariat, sténographie, dactylographie et télé-phonistes.
6. Exploitation: cette catégorie est constituée de groupes affectés à l'exécution de travaux manuels ou non spécialisés. Elle comprend des groupes comme les services correctionnels, les services divers, la manutention du courrier et les services d'imprimerie.
7. Personnel militaire: membres des Forces canadiennes affectés aux activités scientifiques.

STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010369102

cross

055429



